C4 & HYDRO:EVOLVED

GRAPHICAL USER INTERFACE MANUAL

VERSION 2.3



Document History

Date	Version	Summary of Changes
August 6, 2024	2.3	Updated the Dynamic Security section.
May 20, 2024	2.2	Added the REPLAY section.
March 14, 2024	2.1	Updated document presentation. Updated the <i>Connect to GUI</i> subsection. Added the <i>Software Download Pre-requisites</i> section. Added the <i>SECURITY</i> section. Added the <i>USERS</i> section. Added a List of Abbreviations
November 28, 2022	2	Complete overhaul of the document. Updated all the sections. Added the <i>Dynamic Security</i> section. Updated the <i>Update Files</i> section. Added the <i>System Update</i> section.
November 4, 2020	1.4	Added information from the <i>C4 GUI Startup Guide</i> . Added <i>Backup Param</i> section. Updated <i>System</i> section with new figures and procedures. Updated <i>Parking</i> section with new figures and procedures. Added Success and Warning popup messages.
February 20, 2020	1.3	Updated <i>Parking</i> section to show Calendar and Rules for specific dates and times. Added <i>About</i> section. Deleted <i>Security</i> section. Deleted <i>Backup Param</i> section. Replaced all screenshots to include the ABOUT in the Navbar.
November 27, 2019	1.2	Updated cover image. Updated format. Replaced all screenshots and added descriptions for fields and buttons.
January 16, 2019	1.1	Updated MONITORING, NAVBAR, PARAMETER (S-Curve, PI Label) and SYSTEM (Real Time Clock).
January 11, 2019	1.0	Initial Release

Table of Contents

1	Ir	ntrodı	action1
	1.1	W	rire the DAD Unit to GUI
	1.2	C	onnect to GUI 1
2	Ν	IAVB/	AR3
3	М	10NIT	ORING
4	E		S8
5	Α		1S
6	Р	PARAN	12 IETER
	6.1	М	anual Edit
	6.2	Sp	beeds14
	6.3	Br	akes16
	6.4	Fi	re
	6.5	D	20 20
	6.6	S-	Curve
	0	0.0.1	NORMAL PROFILE
	6	6.6.2	INSPECTION PROFILE
	6	6.6.3	SHORT PROFILE
	6	6.6.4	EMERGENCY PROFILE
	6.7	PI	Labels
7	C	CARC	ALLS
8	Н	IALL C	CALLS
9	S	SYSTE	M 40
	9.1	So	oftware Download
	9).1.1	Software Download Pre-requisites
	9.2	Ba	ackup Param
	9.3	Re	estore Param
	9.4	U	odate Files61
	9	9.4.1	UPDATE FILES
	9	.4.2	UPDATE CONFIG
	9.5	Re	eal Time Clock
	9.6	Sy	vstem Update71

10	I/O	73
10.1	Machine Room	73
10.2	2 Cartop	75
10.3	3 COP	77
10.4	Risers	80
10.5	5 Expansions	83
11	PARKING	86
11.1	Calendar	86
11.2	2 Rules	87
12	DYNAMIC SECURITY	91
12.1	Rules	91
13	SECURITY	96
14	REPLAY	98
14.1	List & Configuration	98
15	USERS	109
16	ABOUT	112
List of	Abbreviations	114

List of Figures

Figure 1: DAD Connector Cable	1
Figure 2: GUI Login Page	2
Figure 3: NAVBAR Traction	3
Figure 4: NAVBAR Hydro	4
Figure 5: MONITORING Panel	5
Figure 6: MONITORING Panel: FAULTED CAR	6
Figure 7: MONITORING Panel - Car Status	7
Figure 8: FAULTS Panel	8
Figure 9: ALARMS Panel	10
Figure 10: PARAMETER Panel - Manual Edit	12
Figure 11: PARAMETER Panel - Manual Edit UPDATE	14
Figure 12: PARAMETER Panel - Speeds (Traction Configuration)	14
Figure 13: PARAMETER Panel - Speeds (Hydro Configuration)	15
Figure 14: PARAMETER Panel - Speeds SAVE	16
Figure 15: PARAMETER Panel - Brakes	16
Figure 16: PARAMETER Panel - Brakes SAVE	.17
Figure 17: PARAMETER Panel - Fire	18
Figure 18: PARAMETER Panel - Fire SAVE	20
Figure 19: PARAMETER Panel - Doors	20
Figure 20: PARAMETER Panel - Doors SAVE	.22
Figure 21: PARAMETER Panel - Motion-Curve (Hydro Configuration)	23
Figure 22: PARAMETER Panel - Motion-Curve SAVE I (Hydro Configuration)	24
Figure 23: PARAMETER Panel - Motion-Curve SAVE II (Hydro Configuration)	25
Figure 24: PARAMETER Panel - S-Curve NORMAL PROFILE	26
Figure 25: PARAMETER Panel - S-Curve NORMAL PROFILE SAVE	27
Figure 26: PARAMETER Panel - S-Curve INSPECTION PROFILE	28
Figure 27: PARAMETER Panel - S-Curve INSPECTION PROFILE SAVE	29
Figure 28: PARAMETER Panel - S-Curve SHORT PROFILE	29
Figure 29: PARAMETER Panel - S-Curve SHORT PROFILE: SAVE	31
Figure 30: PARAMETER Panel - S-Curve EMERGENCY PROFILE	31
Figure 31: PARAMETER Panel - S-Curve EMERGENCY PROFILE SAVE	33
Figure 32: PARAMETER Panel - PI Labels	34
Figure 33: PARAMETER Panel - PI Labels SAVE	35
Figure 34: CAR CALLS Panel	36
Figure 35: CAR CALLS Panel ACTIVE CAR CALL	37
Figure 36: HALL CALLS Panel	38
Figure 37: HALL CALLS Panel ACTIVE HALL CALL	39
Figure 38: SYSTEM PANEL - Software Download	41

Figure 39: MR Board – ERROR	. 42
Figure 40: SYSTEM Panel - Software Download CHOOSE FILE	. 43
Figure 41: SYSTEM Panel - Software Download UPLOAD	. 44
Figure 42: SYSTEM Panel - Software Download CHECKING STATUS	. 44
Figure 43: SYSTEM Panel - Software Download WARNING	. 45
Figure 44: SYSTEM Panel - Software Download UPDATE (.sbf)	. 45
Figure 45: SYSTEM Panel - Software Download UPDATE (.zip)	. 46
Figure 46: SYSTEM Panel - Software Download UPDATE (MR, CT, COP)	. 47
Figure 47: SYSTEM Panel - Software Download SHOW DETAILS (MR, CT, COP)	. 48
Figure 48: MR board - SOFTWARE DOWNLOAD PROGRESS	. 48
Figure 49: SYSTEM Panel - Software Download RISER UPDATE (.sbf)	. 49
Figure 50: SYSTEM Panel - Software Download RISER UPDATE ALL	. 50
Figure 51: SYSTEM Panel - Software Download RISER SHOW DETAILS	. 51
Figure 52: SYSTEM Panel - Software Download (MR, CT, COP) SUCCESS	. 52
Figure 53: SYSTEM Panel - Software Download RISER SUCCESS	. 52
Figure 54: SYSTEM Panel - Software Download DONE	. 53
Figure 55: SYSTEM Panel - Software Download Update Completed	. 54
Figure 56: SYSTEM Panel – Software Download WARNING	. 55
Figure 57: SYSTEM Panel - Backup Param	. 55
Figure 58: SYSTEM Panel - Backup Param CAR OFFLINE	. 56
Figure 59: SYSTEM Panel - Backup Param START BACKUP	. 57
Figure 60: SYSTEM Panel - Backup Param DOWNLOAD BACKUP	. 57
Figure 61: SYSTEM Panel - Restore Param	. 58
Figure 62: SYSTEM Panel - Restore Param UPLOAD FILE	. 59
Figure 63: SYSTEM Panel - Restore Param START RESTORE	. 59
Figure 64: SYSTEM Panel - Restore Param WARNING	. 60
Figure 65: SYSTEM Panel - Restore Param RESTORE PROGESS	. 60
Figure 66: SYSTEM Panel - Restore Param RESTORE COMPLETED I	. 61
Figure 67: SYSTEM Panel - Restore Param RESTORE COMPLETED II	. 61
Figure 68: SYSTEM Panel - Update Files [FILES]	. 62
Figure 69: SYSTEM Panel - Update Files [FILES: CHOOSE FILE (From USB inserted into DAD)]	. 63
Figure 70: SYSTEM Panel - Update Files [FILES: UPLOAD & UPDATE (From your Device)]	. 63
Figure 71: SYSTEM Panel - Update Files [FILES: UPLOAD & UPDATE (From USB inserted into DAD)]	. 64
Figure 72: SYSTEM Panel - Update Files [FILES: LOADING]	. 64
Figure 73: SYSTEM Panel - Update Files [FILES: SUCCESS]	. 65
Figure 74: SYSTEM Panel - Update Files [FILES: UPLOADED LIST OF FILES]	. 65
Figure 75: SYSTEM Panel - Update Files [FILES: INVALID FILE]	. 66
Figure 76: SYSTEM Panel - Update Files [CONFIG]	. 66
Figure 77: SYSTEM Panel - Update Files [CONFIG: UPDATE CONFIG]	. 67
Figure 78: SYSTEM Panel - Update Files [CONFIG: SYNC NEW CONFIG]	. 68
Figure 79: SYSTEM Panel - Update Files [CONFIG: SUCCESS]	. 68

Figure 80: SYSTEM– Update Config SYSTEM RELOAD	69
Figure 81: SYSTEM Panel - Real Time Clock	69
Figure 82: SYSTEM Panel - Real Time Clock SYSTEM RELOAD	70
Figure 83: MONIROTING Panel Landing Page	71
Figure 84: SYSTEM Panel - System Update	72
Figure 85: I/O Panel - Machine Room	73
Figure 86: I/O Panel - Machine Room SAVE	74
Figure 87: I/O Panel – Cartop	75
Figure 88: I/O Panel - Cartop SAVE	77
Figure 89: I/O Panel - COP	78
Figure 90: I/O Panel – COP SAVE	80
Figure 91: I/O Panel – Risers	81
Figure 92: I/O Panel - Risers SAVE	82
Figure 93: I/O Panel – Expansions	83
Figure 94: I/O Panel - Expansions SELECT EXPANSION BOARD	84
Figure 95: I/O Panel – Expansions SAVE	85
Figure 96: PARKING Panel - Calendar	86
Figure 97: PARKING Panel	87
Figure 98: PARKING Panel - Rules	88
Figure 99: PARKING Panel – Rules CREATE RULE [Car-specific popup]	89
Figure 100: PARKING Panel - Rules: CREATE RULE [Floor-specific popup]	89
Figure 101: DYNAMIC SECURITY Panel	91
Figure 102: DYNAMIC SECURITY Panel – Rules (I)	92
Figure 103: DYNAMIC SECURITY Panel – Rules (II)	92
Figure 104: DYNAMIC SECURITY – Rules CREATE RULE popup	93
Figure 105: Activating a Rule	94
Figure 106: Secured Floors Display [Hall Calls]	95
Figure 107: Secured Floors Display [Car Calls]	95
Figure 108: SECURITY Panel	96
Figure 109: SECURITY Panel Active	97
Figure 110: REPLAY Panel – List [Default: no events]	98
Figure 111: REPLAY Panel - Configuration [Faults: default state]	99
Figure 112: REPLAY Panel- Configuration [Alarms: default state]	99
Figure 113: REPLAY Panel- Configuration [Faults: selected state]	100
Figure 114: REPLAY Panel- Configuration [Alarms: selected state]	100
Figure 115: REPLAY Panel- Configuration [Success popup]	101
Figure 116: REPLAY Panel – Configuration SYSTEM RELOAD	101
Figure 117: REPLAY Panel - List [Event tracking]	102
Figure 118: REPLAY Panel – List [Filter applied: Faults]	102
Figure 119: REPLAY Panel – List [Filter applied: Alarms]	103
Figure 120: REPLAY Panel – List [Filter applied: Car position]	103

Figure 121: REPLAY Panel – List [Filter applied: Car speed]	
Figure 122: REPLAY Panel - List [Car position and car speed]	
Figure 123: REPLAY Panel - List [Car data popup]	
Figure 124: REPLAY Panel - List [All inputs statuses]	105
Figure 125: REPLAY Panel - List [All outputs statuses]	
Figure 126: REPLAY Panel – List [Shorter time intervals]	
Figure 127: REPLAY Panel- List [Download graph]	
Figure 128: REPLAY Panel – List [EVENTS: Multiple cars Q8]	107
Figure 129: REPLAY Panel – List [EVENTS: Multiple cars Q5]	
Figure 130: USERS Panel - Create User	
Figure 131: USERS Panel - Create User USERNAME VALIDATION	109
Figure 132: USERS Panel - Create User PASSWORD VALIDATION	
Figure 133: USERS Panel - All Users	110
Figure 134: USERS Panel - Change Password	111
Figure 135: ABOUT Panel: TRACTION JOB	112
Figure 136: ABOUT Panel: HYDRO JOB	

List of Tables

Table 1: Wiring for the DAD Connector Cable	1
Table 2: MONITORING Panel	6
Table 3: MONITORING Panel - Car Status	7
Table 4: FAULTS Panel	8
Table 5: ALARMS Panel	10
Table 6: PARAMETER Panel - Manual Edit	12
Table 7: PARAMETER Panel - Speeds	15
Table 8: PARAMETER Panel - Brakes	17
Table 9. PARAMETER Panel - Fire	18
Table 10: PARAMETER Panel - Doors	21
Table 11: PARAMETER Panel - S-Curve NORMAL PROFILE	26
Table 12: PARAMETER Panel - S-Curve INSPECTION PROFILE	28
Table 13: PARAMETER Panel - S-Curve SHORT PROFILE	29
Table 14: PARAMETER Panel - S-Curve EMERGENCY PROFILE	31
Table 15.:PARAMETER Panel - PI Labels	34
Table 16: CAR CALLS Panel	36
Table 17: HALL CALLS Panel	38
Table 18: SYSTEM Panel - Software Download	41
Table 19: MR board - SOFTWARE DOWNLOAD PROGRESS	42
Table 20: SYSTEM Panel - Backup Param	56
Table 21: SYSTEM Panel - Restore Param	58
Table 22: SYSTEM Panel - Update Files [FILES]	62
Table 23: SYSTEM Panel - Update Files [CONFIG]	67
Table 24: SYSTEM Panel - Real Time Clock	70
Table 25: SYSTEM Panel - System Update	72
Table 26: I/O Panel - Machine Room	73
Table 27: I/O Panel - Cartop	76
Table 28: I/O Panel - COP	78
Table 29: I/O Panel - Risers	81
Table 30: I/O Panel - Expansions	83
Table 31: PARKING Panel - Calendar	87
Table 32: PARKING Panel - Rules	88
Table 33: PARKING Panel - Rules: CREATE RULE popup	90
Table 34: DYNAMIC SECURITY Panel - Rules	92
Table 35: DYNAMIC SECURITY Panel - Rules CREATE RULE popup	93

Page intentionally left blank.



1 Introduction

The C4 Controller uses a Data Acquisition Device (DAD) to communicate with the Graphical User Interface (GUI). Users can set the C4 parameters and settings through GUI.

1.1 Wire the DAD Unit to GUI

Some C4 controllers do not have the DAD connector wired.

If the controller does not already have the cable wired, wire the connector as shown in the figure below:



Figure 1: DAD Connector Cable

The table below lists the Wiring for the DAD Connector Cable.

Table	1:	Wiring	for the	DAD	Connector	Cable
-------	----	--------	---------	-----	-----------	-------

PIN	Wire Color	Signal
1	White/Blue	REF
2	Blue	24 VDC
3	Twisted Pair – White	GN-
8	Twisted Pair – Blue	GN+

1.2 Connect to GUI

When connecting the DAD unit to GUI, only one DAD Unit per group can be powered up.

Perform the following steps to connect to GUI:



1. Power up the controller.

NOTE: the DAD Fault and Heartbeat (HB) LEDs start flashing, and the HB turns green when ready.

2. Connect to GUI using a Wi-Fi laptop or tablet.

NOTE: if you are using Windows 10, go to the NETWORK & INTERNET SETTINGS (**P**) menu option on the bottom right of the main desktop window.

- 3. Select the Wi-Fi Connection:
 - i. For Traction configuration: select the 'C4 [Job_Site_Name]' Wi-Fi connection.
 - ii. For Hydraulic configuration: select the 'Evolved [Job_Site_Name]' Wi-Fi connection.
- 4. Enter the password: SmartriseMRM.
- 5. Click on CONNECT.
- 6. Click on OK.

NOTE: the connection shows: No internet, secured.

- 7. Open a web browser (preferably Google Chrome or Firefox).
- 8. Type '192.168.4.1' in the address bar.

NOTE: the user will automatically be redirected to the GUI login page.

▲ SMARTRISE	
Username	
and and an and an	

Figure 2: GUI Login Page



2 NAVBAR

The NAVBAR is a set of menu options the user can choose from to navigate between menu panels. The NAVBAR is displayed on the left side of every panel.



Figure 3: NAVBAR Traction



\land SMARTRISE
A FAULTS
🗘 ALARMS
해 PARAMETER
Manual Edit
Speeds
Fire
Doors
Motion-Curve
PI Labels
CAR CALLS
SYSTEM
Software Download
Backup Param
Restore Param
Update Files
Real Time Clock
System Update
\$ I/O
PARKING
☆ DYNAMIC SECURITY
Rules
ତ security
🖴, USERS

Figure 4: NAVBAR Hydro



3 MONITORING

The MONITORING panel displays real time data from cars within the same group. Each car displays the following information:

- Car Label
- Current Floor
- Destination
- Mode Operation

	admin					Logout
\land SMARTRISE						
A FAULTS			CURRENT FLOOR	DESTINATION	MODE	
		Car1	20	20	Normal	
¦li† PARAMETER						
🖽 CAR CALLS			CURRENT FLOOR	DESTINATION	MODE	
🗘 HALL CALLS		Car2	0	0	Normal	
SYSTEM						
\$ I/0			CURRENT FLOOR	DESTINATION	MODE	
P PARKING		Car3	0	0	Offline	
✿ DYNAMIC SECURITY						
				DESTINATION	MODE	
		Car4			Offline	
			Ŭ	Ŭ		
T ABOOT						
		Car5		DESTINATION	MODE	
			0	U	Offline	
		Car6	CURRENT FLOOR	DESTINATION	MODE	
		Odro	0	0	Offline	
		Cor7	CURRENT FLOOR	DESTINATION	MODE	
		Car /	0	0	Offline	
		0 ====0	CURRENT FLOOR	DESTINATION	MODE	
		Car8	0	0	Offline	

Figure 5: MONITORING Panel

If a car is faulted, the car DIV is highlighted in red as seen in the image below.

▲ SMARTRISE

-	admin				I	Logout
🛆 SMARTRISE						
A FAULTS			CURRENT FLOOR	DESTINATION	MODE	
		Car1	20	20	Normal	
¦↓† PARAMETER						
🖽 CAR CALLS				DESTINATION	MODE	
🗘 HALL CALLS		Car2	0	0	Normal	
SYSTEM			Ŭ	Ŭ		
\$ I/O				DESTIMATION	MODE	
PARKING		Car3			Offline	
			0	0	Online	
SECURITY		Car4		DESTINATION	MODE	
LUSERS			0	0	Offline	
i ABOUT						
		CorF	CURRENT FLOOR	DESTINATION	MODE	
		Caro	0	0	Offline	
			CURRENT FLOOR	DESTINATION	MODE	
		Carb	0	0	Offline	
			CURRENT FLOOR	DESTINATION	MODE	
		Car7	0	0	Offline	
			CURRENT FLOOR	DESTINATION	MODE	
		Car8	0	0	Offline	

Figure 6: MONITORING Panel: FAULTED CAR

The table below lists the description of the MONITORING Panel.

Table 2: MONITORING Panel

Field	Description
CAR LABEL	Displays the car label
CURRENT FLOOR	Displays the car's current location
DESTINATION	If applicable, displays the next destination landing
MODE	Displays the mode of operation
FAULTED	If faulted, displays the fault number and name

When the user clicks anywhere inside a specific car record, the MONITORING Panel displays the status of that particular car.



	admin			La	ogout
\land SMARTRISE					
A FAULTS					
		CURRENT FLOOR		MODE	
∳↓† PARAMETER		20	20	Normai	
🖾 CAR CALLS		FRONT DOOR		REAR DOOR	
© SYSTEM		SPEED			
\$ I/O				10010 4101	
P PARKING				190 0.413	
☆ DYNAMIC SECURITY					
🕰 USERS					
i ABOUT					

Figure 7: MONITORING Panel - Car Status

Table 3: MONITORING Panel - Car Status

Field	Description
CURRENT FLOOR	Displays the car's current location
DESTINATION	Displays the next destination landing (if any)
MODE	Displays the mode of operation
FRONT DOOR	Displays the front door status (open, opening, close, closing, nudge)
REAR DOOR	Displays the rear door status (open, opening, close, closing, nudge)
SPEED	Displays the speed of the car
POSITION	Displays the position of the car
Buttons	
$\langle \rangle$	Allows the user to return to the MONITORING Panel



4 FAULTS

The FAULTS Panel displays a log of the faults triggered by any car within a group.

	admin																	Logout
\land SMARTRISE					CAR	All	1	2	3	4	5	6	7	8				
															CLEAR	FALILTS		
	Car	Floor	Fault	Name					D	escription					ULL III	Solution	Donneo	Date
		Label 20	F738	CPLD Car Byp					CPLD rej	porting inv	valid activ	ation of m	achine ro	om car door bypas	s NA		Mar 04	2024
¦li† PARAMETER		20	F739	CPLD Hall Byp					switch. CPLD rep	porting inv	valid activ	ation of m	achine ro	om hali door	NA		05:30: Mar 04	58 1 2024
🖽 CAR CALLS		20	F62	HA Bypass Sw					bypass s Hall doo	switch. r bypass s	witch is 0	DN.			Turn off r	nachine roon	05:28: n Mar 04	41
🗘 HALL CALLS	1	20	F739	CPLD Hall Byp					CPLD ret	porting in	valid activ	ation of m	achine ro	om hall door	board H-	000R switch.	. 05:28: Mar 04	40
© SYSTEM	1	20	F62						bypass s	witch.	witch is (N			Turn off	nachina roon	05:21:	54
\$ I/0		1	E001	CODP Decem Sume					Derement		noronizin	-			board H-	DOOR switch.	. 05:21:	54
		'	5000						Faramet	ers are sy	ncronizin	y.			NA		08:30:	39
✿ DYNAMIC SECURITY		1	F900	COPA Param Sync					Paramet	ers are sy	ncronizin	g.			NA		Feb 28 08:30:	3 2024 39
	1	1	F252	CTB Param Sync					Paramet	ers are sy	ncronizin	9.			NA		Feb 28 08:30:	3 2024 38
			F251	CTA Param Sync					Paramet	ers are sy	ncronizin	g.			NA		Feb 28 08:30:	3 2024 38
K USERS			F250	MRB Param Sync					Paramet	ers are sy	ncronizin	g.			NA		Feb 28 08:30:	3 2024 38
i ABOUT		2	F901	COPB Param Sync					Paramet	ers are sy	ncronizin	g.			NA		Feb 28 08:28:	8 2024 48
			F252	CTB Param Sync					Paramet	ers are sy	ncronizin	g.			NA		Feb 28 08:28:	8 2024 48
			F251	CTA Param Sync					Paramet	ers are sy	ncronizin	g.			NA		Feb 28 08:28:	8 2024 48
			F900	COPA Param Sync					Paramet	ers are sy	ncronizin	g.			NA		Feb 28 08:28:	3 2024 48
			F250	MRB Param Sync					Paramet	ers are sy	ncronizin	g.			NA		Feb 28 08:28:	3 2024 47
		4	F901	COPB Param Sync					Paramet	ers are sy	ncronizin	9.			NA		Feb 28 08:14:	3 2024 42
		4	F251	CTA Param Sync					Paramet	ers are sy	ncronizin	g.			NA		Feb 28 08:14:	8 2024 42
		4	F252	CTB Param Sync					Paramet	ers are sy	ncronizin	9.			NA		Feb 28 08:14:	3 2024 42
		4	F900	COPA Param Sync					Paramet	ers are sy	ncronizin	g.			NA		Feb 28 08:14:	8 2024 42
		4	F250	MRB Param Sync					Paramet	ers are sy	ncronizin	g.			NA		Feb 28 08:14:	8 2024 42
	Num	iber of fa	ults: 20															
							Page	1	2	3	>	>>						

Figure 8: FAULTS Panel

The table below lists the description of the FAULTS Panel.

Table 4: FAULTS Panel

Field				Description
CAR	All	1	2	Allows the user to select the faults for all cars or a specific car
CAR				Displays the car label of the car with the fault
FAULT				Displays the fault's number

NAME	Displays the fault's name
DESCRIPTION	Displays the fault's description
SOLUTION	Displays the fault's potential solutions
DATE	Displays the fault's date & time
Buttons	
CLEAR FAULTS	Allows the user to clear all faults
DOWNLOAD FAULTS	Allows the user to download the faults list

Perform the following steps to clear the faults list:

- 1. Go to the FAULTS Panel.
- 2. Click on CLEAR FAULTS.

NOTE: all faults will be cleared from the list.

Perform the following steps to download the faults list:

- 1. Go to the FAULTS Panel.
- 2. Click on DOWNLOAD FAULTS.

NOTE: the "faults.csv" file will be downloaded into the Downloads folder on the user's device by default. The user can also select the location of the download.



5 ALARMS

The ALARMS Panel displays a log of the alarms triggered by any car within a group.

	admin																	L	.ogout
SMARTRISE					CAR	All	1	2	3	4	5	6	7	8					
															CLEAR A	LARMS	DOW	NLOAD ALAI	RMS
A FAULTS	Car	Floor Label	Alarm	Name					Des	scription						Solutio	n	D	late
		20	A1447	Shield COM RPi					Shield ha	as not see	en commu	inication f	from the R	Pi in 5 seco	nds. Che and	eck wiring of p I network line	oower s.	Mar 04 2024 05:28:22	
¦¦¦ PARAMETER	2	0	A1447	Shield COM RPi					Shield ha	as not see	en commu	inication 1	from the R	Pi in 5 seco	ids. Che and	eck wiring of p I network line	oower s.	Mar 04 2024 05:28:20	
CAR CALLS		20	A1447	Shield COM RPi					Shield ha	as not see	en commu	inication f	from the R	Pi in 5 seco	ids. Che and	eck wiring of p I network line	Dower S.	Mar 04 2024 04:57:52	
	2		A1447	Shield COM RPi					Shield ha	as not see	en commu	inication 1	rom the R	Pi in 5 seco	nds. Che and	eck wiring of p I network line	oower s.	Mar 04 2024 04:57:52	
SYSTEM		20	A1447	Shield COM RPi					Shield ha	as not see	en commu	inication 1	from the R	Pi in 5 seco	nds. Che and	eck wiring of p I network line	oower s.	Mar 04 2024 04:57:01	
\$ I/O			A1447	Shield COM RPi					Shield ha	as not see	en commu	inication 1	from the R	Pi in 5 seco	ids. Che and	eck wiring of p I network line	oower s.	Mar 04 2024 04:57:01	
P PARKING			A1425	Fire Smoke Main					Fire phas	se 1 has b	oeen activ	ated by th	ie main sm	noke input.	Che	eck the fire in er board statu	put and s.	Feb 28 2024 08:20:45	
 ✿ DYNAMIC SECURITY ⑦ SECURITY 		4	A1438	RIS1 HB Offline					Riser 1 h	as report	ed comm	unication	loss with o	one of its ha	ll boards. Che sta boa cor	eck the hall be tus menu for ard reporting (mmunc	oard a hall)%	Feb 28 2024 07:25:53	
🕰 USERS	2	6	A1438	RIS1 HB Offline					Riser 1 h	as report	ed comm	unication	loss with o	one of its ha	ll boards. Che stai boa cor	eck the hall be tus menu for ard reporting (mmunc	oard a hall 0%	Feb 28 2024 07:25:41	
i ABOUT	2		A1438	RIS1 HB Offline					Riser 1 h	as report	ed comm	unication	loss with o	one of its ha	ll boards. Che sta boa cor	eck the hall be tus menu for ard reporting (mmunc	oard a hall 0%	Feb 28 2024 02:17:39	
	2		A1438	RIS1 HB Offline					Riser 1 h	as report	ed comm	unication	loss with a	one of its ha	ll boards. Che sta boa cor	eck the hall be tus menu for ard reporting (mmunc	oard a hall 0%	Feb 27 2024 10:24:14	
	2		A92	COPB WDT Disabled					Processo	or has sta	arted up w	ith watch	dog disabl	led.	Rer and ree	move the WD I restart the b nable.	jumper oard to	Feb 27 2024 10:24:01	
	2		A90	CTB WDT Disabled					Processo	or has sta	arted up w	ith watch	dog disabl	led.	Rer and ree	move the WD I restart the b nable.	jumper oard to	Feb 27 2024 10:24:01	
	2		A89	CTA WDT Disabled					Processo	or has sta	arted up w	ith watch	dog disabl	led.	Rer and ree	nove the WD I restart the b nable.	jumper oard to	Feb 27 2024 10:24:01	
	2		A91	COPA WDT Disabled					Processo	or has sta	arted up w	ith watch	dog disabl	led.	Rer and ree	nove the WD I restart the b nable.	jumper oard to	Feb 27 2024 10:24:01	
	2		A1540	FINAL Limit Bypassed					BFL or T	FL is bypa	assed				Che cor 120 thre	eck if BFL/TFI nected direct OVAC and wire ough	Lis thy to eit	Feb 27 2024 10:24:00	
	2		A164	RIS2 POR Rst					Riser2 re	porting a	power-or	n reset err	or.		NA			Feb 27 2024 10:23:58	
			A1426	Fire Smoke Alt					Fire phas	se 1 has b	oeen activ	ated by th	ie alternati	e smoke inp	ut. Che rise	eck the fire in er board statu	put and s.	Feb 27 2024 10:20:07	
	2		A92	COPB WDT Disabled					Processo	or has sta	arted up w	ith watch	dog disabl	led.	Rer and ree	nove the WD I restart the b nable.	jumper oard to	Feb 27 2024 09:49:24	
	2		A90	CTB WDT Disabled					Processo	or has sta	arted up w	ith watch	dog disabl	led.	Rer and ree	nove the WD I restart the b nable.	jumper oard to	Feb 27 2024 09:49:24	
	Nun	nber of a	larms: 20				Dage	1	2	3	>	>>							

Figure 9: ALARMS Panel

The table below lists the description of the ALARMS Panel.

Table 5: ALARMS Panel



Perform the following steps to clear the alarms list:

- 1. Go to the ALARMS Panel.
- 2. Click on CLEAR ALARMS.

NOTE: all alarms will be cleared from the list.

Perform the following steps to download the alarms list:

- 1. Go to the ALARMS Panel
- 2. Click on DOWNLOAD ALARMS

NOTE: the "alarms.csv" file is downloaded into the Downloads folder on the user's device, and the user can also select the location of the download.



6 PARAMETER

The PARAMETER Panel allows the user to select parameters that are configured according to the job. For more information about setting the parameters, consult the *C4 User Manual* and *C4 Parameter List*.

6.1 Manual Edit

The Manual Edit subpanel allows the user to adjust a specific parameter to a specific car.

There are 5 types of parameters: 1-bit, 8-bit, 16-bit, 24-bit, and 32-bit.

Each type has its own set of parameters specified by an index.

Example: 01-0000 stands for Fire Main Use Rear Door and 01-0131 stands for Bypass Fire Service.

NOTE: the indexes are 0000 and 0131 and the type is 01.

The parameter can be adjusted based on the value entered for a selected car within the same group. When the user hits SEARCH, the parameter's name (along with its current value), category, and option to adjust are displayed based on the user-entered value.

The user can enter a decimal number to adjust the corresponding parameter on the controller.

	admin																		L	ogout
\land SMARTRISE						CAR	1	2	3		4	5	6	7	Ę	8				
୍କ monitoring																				
									~)	0000)		SEARC	H						
								1												
								8												
								16	1											
Manual Edit								24												
Speeds								Adjust					UPDATE							
Brakes																				
Fire																				
Doors S-Curve																				
PI Labels																				
🖽 CAR CALLS																				
V HALL CALLS																				
© SYSTEM																				
\$ I/O																				
PARKING																				

Figure 10: PARAMETER Panel - Manual Edit

The table below lists the description of the PARAMETER Panel - Manual Edit.

Table 6: PARAMETER Panel - Manual Edit

Field Description



CAR 1 2	Allows the user to select the car label
Parameter Type	Allows the user to select the parameter type from the dropdown
	list
Parameter Index	Allows the user to enter the index of a specific parameter under
	the parameter type
The parameter type and inde	ex are pre-defined values.
For the same parameter type	e and index, the value of a certain parameter may differ from one
car to another.	
Adjust	Allows the user to enter or select the adjusted parameter based
	on the parameter type
Buttons	
SEADOL	Allows the user to search for the parameter value according to the
SEARCH	parameter type and index
	Allows the user to update the adjusted value for the parameter
OPDATE	based on the user-entered value

Perform the following steps to manually edit the parameters for a particular car:

- 1. Turn on DIP A4 on the MR board.
- 2. From the PARAMETER Panel Manual Edit, select the car label.
- 3. Select the Parameter Type from the dropdown list.
- 4. Enter the Parameter Index.
- 5. Click SEARCH.
- 6. Enter the adjusted value and click UPDATE.
 - If a valid adjustment has been made, a green UPDATE tag with a checkmark will be displayed.
- 7. **Optional:** turn off DIP A4.
 - DIP A4 will affect the functionality of PARAMETER Panel, SYSTEM Panel (Restore Param subpanel), and I/O Panel.
 - In case no modifications on the PARAMETERS are due.



	admin		Logout
🛆 SMARTRISE		CAR 1 2 3 4 5 6 7 8	
🛆 Faults			
		1 v 146 SEARCH	
		ENA DYNAMICPARKING	
Manual Edit		ON	
Speeds		1-bit parameter	
Brakes			
Fire		Adjust UN VUPDALE	
Doors			
S-Curve			
PI Labels			
🖽 CAR CALLS			
🗘 HALL CALLS			
© SYSTEM			
\$ I/O			
P PARKING			
☆ DYNAMIC SECURITY			

Figure 11: PARAMETER Panel - Manual Edit UPDATE

6.2 Speeds

The speeds sub-panel allows the user to enter different speed parameters determined by the controller module.

	admin											Logout
\land SMARTRISE				CAR	1 2	3 4	\$	6	7 8			
⊥ A FAULTS												
		CONTRACT SPEE	D	INSPECT	ION SPEE	D	LEARN	N SPEED		TERMIN	AL SPEED	
		350	SAVE	50		SAVE	25		SAVE	15	SAVE	
Manual Edit												
Speeds					LE	VELING S	PEED					
Brakes					5		SAV	VE				
Fire												
Doors												
S-Curve												
PI Labels												
I CAR CALLS												
🗘 HALL CALLS												
© SYSTEM												
\$ I/O												
DYNAMIC SECURITY	eters											

Figure 12: PARAMETER Panel - Speeds (Traction Configuration)

The table below lists the description of the PARAMETER Panel - Speeds.



Table 7: PARAMETER Panel - Speeds

Field	Description
CAR 1 2	Allows the user to select the car label
CONTRACT SPEED	Allows the user to set the maximum elevator speed for which the
	job was configured
INSPECTION SPEED	Allows the user to set the speed at which the car operates in all
	inspection modes
LEARN SPEED	Allows the user to set the speed for the hoistway learn operation
TERMINAL SPEED	Allows the user to set the speed of the car while in inspection
	mode and within the configured soft limit distance of a terminal
	floor
LEVELING SPEED	Allows the user to set the automatic operation speed used when
	leveling to a floor
Buttons	
SAVE	Allows the user to save the set speeds parameters

NOTE: for the Hydro Jobs, only CONTRACT SPEED and INSPECTION SPEED are displayed.

	admin			Logout
\land SMARTRISE		CAR	1	Saved to this PC
		CONTRACT SPEED	INSPECTION SPEED	
		125 SAVE	50 SAVE	
Manual Edit				
Speeds				
Fire				
Doors				
Motion-Curve				
PI Labels				
🖽 CAR CALLS				
☆ HALL CALLS				
~				
© SYSTEM				
\$ I/O				
☆ DYNAMIC SECURITY				

Figure 13: PARAMETER Panel - Speeds (Hydro Configuration)

Perform the following steps to update the speeds parameters for a particular car:

- 1. Turn on DIP A4.
- 2. From the PARAMETER Panel Speeds, select the car label.
- 3. Enter the new parameter value(s) and click SAVE.



- A green SAVE tag with a checkmark is displayed.

	admin									Logout
🚫 SMARTRISE			CAR 1	2 3	4 5	67	8			
⊥ A FAULTS	CONTR	RACT SPEED	INSPECTION	SPEED	LEARI	N SPEED		TERMINAL SPEE	D	
	351	✓ SAVE	52	✓ SAVE	25		SAVE	15	SAVE	
				LEVELING	SPEED					
Manual Edit				5	SA	VE				
Speeds										
Brakes										
Doors										
S-Curve										
PI Labels										
🖾 CAR CALLS										
🗘 HALL CALLS										
© SYSTEM										
\$ I/O										
PARKING										

Figure 14: PARAMETER Panel - Speeds SAVE

6.3 Brakes

The Brakes subpanel allows the user to adjust the brake voltage used to control rollback.

	admin													Logout
🛆 SMARTRISE				CAR	1	23	4	5	6	7	8			
Manual Edit														
Speeds														
Brakes		PICK VOLTAGE		HOLD	VOLTAGI			BRAKE	E PICK [DELAY		RELEVEL VC	DLTAGE	
Fire		100	SAVE	70		SAVE		150		s	AVE	70	SAVE	
Doors														
S-Curve														
PI Labels														
🖽 CAR CALLS														
🗘 HALL CALLS														
© SYSTEM														
\$ I/O														
P PARKING														
✿ DYNAMIC SECURITY														
SECURITY														
🕰 USERS														
i ABOUT														

Figure 15: PARAMETER Panel - Brakes

The table below lists the description of the PARAMETER Panel - Brakes.



Table 8: PARAMETER Panel - Brakes

Field	Description
CAR 1 2	Allows the user to select the car label
PICK VOLTAGE	Allows the user to set the pick voltage for opening the brakes
HOLD VOLTAGE	Allows the user to set a consistent voltage supplied to the brakes
	to keep them open
BRAKE PICK DELAY	Allows the user to set the time at which the brake is held at zero
	speed
RELEVEL VOTAGE	Allows the user to set the voltage at which the brake hardly lifts
	during releveling, allowing the sheave to rotate beneath the brake
Buttons	
SAVE	Allows the user to save the set brake parameters

Perform the following steps to update the brake voltage parameters for a particular car:

- 1. Turn on DIP A4.
- 2. From the PARAMETER Panel Brakes, select the car label.
- 3. Enter the new brake voltage value(s) and click SAVE.
 - A green SAVE tag with a checkmark is displayed.

	admin												Logout
🛆 SMARTRISE				CAR 1	2	3	4 5	6	7 8				
🛆 FAULTS		PICK VOLTAGE		HOLD VO	LTAGE		BRA	KE PICK I	DELAY	i	RELEVEL VOLT	AGE	
		100	SAVE	71	~	SAVE	150		SAVE		70	SAVE	
Manual Edit													
Speeds													
Fire													
Doors													
S-Curve													
PI Labels													
🔟 CAR CALLS													
🗘 HALL CALLS													
© SYSTEM													
\$ I/O													

Figure 16: PARAMETER Panel - Brakes SAVE



6.4 Fire

The Fire subpanel allows the user to set parameters for the main and alternate fire recall floors.

The Fire subpanel contains 3 sections:

MAIN SMOKE: allows the user to choose the designated landing of the car in case smoke is detected in the main lobby.

MAIN RECALL: allows the user to choose the designated landing of a car in case of a fire.

ALTERNATE RECALL: allows the user to choose the designated alternate landing of a car in case there is a sign of a fire at the designated main recall floor.

	admin													Logout
🛆 SMARTRISE				CAR	1	2	3	4 5	6	7	8			
							MAI	N SMOKE						
ZA PAULIS		MAIN:USE A	LTERNATE				ALT: US	E ALTERNATE				FLASH	FIRE HAT	
		TURN O	N				TH					TUPN	OFF T	
		1000 C					10					- On a		
Manual Edit							SH	UNT TRIP						
Speeds							Т							
Brakes							10	KN OFF						
Fire														
S-Curve							SAVE N	AIN SMO	KE					
PI Labels														
I CAR CALLS							MAI	N RECALL						
- ONROALLO				FLOOR (I	MAIN)					OPENI	NG (MAIN)			
				0	-					FRON	DOOR -			
SYSTEM														
							SAVE N	AIN RECA						
5 1/0														
P PARKING							ALTERN	IATE RECAL	L					
				FLOOR	(ALT)					OPEN	ING (ALT)			
A DINAMIO SECONITI														
SECURITY				1	•					FRON	DOOR -			
SUSERS														
						SAV	/E ALTE	ERNATE RE	CALL					
i ABOUT														

Figure 17: PARAMETER Panel - Fire

The table below lists the description of the PARAMETER Panel - Fire.

Table 9. PARAMETER Panel - Fire

Field	Description
CAR 1 2	Allows the user to select the car label
MAIN SMOKE	
MAIN: USE ALTERNATE	Allows the user to select if the car travels to the main landing
	when smoke is detected



ALT: USE ALTERNATE	Allows the user to select if the car travels to the alternate landing
	when smoke is detected in the main lobby
FLASH FIRE HAT	Allows the user to select if the Flash Fire Hat symbol on the panel
	will flash when smoke is detected
SHUNT TRIP	Allows the user to select if the shunt output trips a breaker,
	cutting off the controller's main power in case of a fire in the main
	lobby
MAIN RECALL	
FLOOR (MAIN)	Allows the user to select the designated main landing when
	recalled
OPENING (MAIN)	Allows the user to select which door opens when recalled to the
	main designated landing
ALTERNATE RECALL	
FLOOR (ALT)	Allows the user to select the designated alternate landing when
	recalled
OPENING (ALT)	Allows the user to select which door opens when recalled to the
	alternate designated landing
Buttons	
SAVE MAIN SMOKE	Allows the user to save the set main smoke parameters
SAVE MAIN RECALL	Allows the user to save the set main recall parameters
SAVE ALTERNATE RECALL	Allows the user to save the set alternate recall parameters

Perform the following steps to update the smoke and recall parameters for a particular car:

- 1. Turn on DIP A4.
- 2. From the PARAMETER Panel Fire, select the car label.
- 3. Select the new smoke and recall parameters from the dropdown list and click SAVE.
 - A green SAVE tag with a checkmark is displayed.



	admin												Logout
\land SMARTRISE				CAR 1	2	3 4	5	6	7	8			
MONTORING						MAIN SM	IOKE						
			DNATE				DNATE						
		TUDU AL				ALT. USE ALT					TEASITTI NET		
		TORN ON				TURN OF	· · · ·				TURN OFF		
Manual Edit													
Speeds						SHUNT T	RIP						
Brakes						TURN OF	•						
Fire													
Doors					S	AVE MAIN	SMOK	E					
S-Curve PLL abols													
		_				MAIN RE	CALL						
LI CAR CALLS				FLOOR (MAIN)					OPENIN	IG (MAIN)			
				0 👻	\checkmark				FRONT	DOOR -			
					S	AVE MAIN	RECAL	L					
P PARKING		_			AI	TERNATE	RECALL						
				FLOOR (ALT)					OPENI	NG (ALT)			
♥ SECURITY				1 •	\checkmark				FRONT	DOOR 👻 🗸			
SERS					SAVE	ALTERN/	ATE REC	CALL					

Figure 18: PARAMETER Panel - Fire SAVE

6.5 Doors

The Doors subpanel allows the user to configure the parameters for car door timings.

The timing of the doors to open, remain opened, close, or remain closed depends on the time of day and the purpose of the elevator.

	admin					75%	- + Reset	Logou	it
🚫 SMARTRISE				2 3 4	56	78			
A FAULTS		DOOR DWELL TIMER	DOOR STUC	K TIMER	DOOR NUD	GE TIMER	DOOR DWELL HALL		
		3 SAVE	30	SAVE	20	SAVE	6 SAVE		
HIT PARAMETER									
Manual Edit				30	SAVE				
Brakes									
Fire									
Doors									
S-Curve PI Labels									
🖾 CAR CALLS									
🗘 HALL CALLS									
© SYSTEM									
\$ I/0									
P PARKING									
DYNAMIC SECURITY									
☺ SECURITY									
🕰 USERS									
i ABOUT									

Figure 19: PARAMETER Panel - Doors



The table below lists the description of the PARAMETER Panel - Doors.

Table 10: PARAMETER Panel - Doors

Field	Description
CAR 1 2	Allows the user to select the car label
DOOR DWELL TIME	Allows the user to set the time for the doors to remain open while
	answering car calls
DOOR STUCK TIME	Allows the user to set the time limit for a door to completely open
	or close before faulting
DOOR NUDGE TIME	Allows the user to set the time for the doors trying to close after
	being held open for a certain amount of time.
	If set to zero, nudging is disabled.
DOOR DWELL HALL	Allows the user to set the time for the doors to remain open while
	answering hall calls
DOOR DWELL ADA	Allows the user to set the time for the doors to remain open while
	answering ADA calls
Buttons	
SAVE	Allows the user to save the set doors parameters

Perform the following steps to update the doors parameters for a particular car:

- 1. Turn on DIP A4.
- 2. From the PARAMETER Panel Doors, select the car label.
- 3. Enter the new parameter value(s) and click SAVE.
 - A green SAVE tag with a checkmark is displayed.





Figure 20: PARAMETER Panel - Doors SAVE

6.6 S-Curve

The S-Curve subpanel allows the user to regulate the acceleration and speed to create a smooth transition without any abrupt jerking motion. It is reserved for traction jobs. For more information about the S-Curve and adjusting the parameters for all profiles, consult the *C4 User Manual*.

NOTE: for hydro jobs, a Motion-Curve is displayed (see Figure 21).

The following profiles are used under the S-Curve:

- NORMAL
- INSPECTION
- SHORT
- EMERGENCY





Figure 21: PARAMETER Panel - Motion-Curve (Hydro Configuration)





Figure 22: PARAMETER Panel - Motion-Curve SAVE I (Hydro Configuration)





Figure 23: PARAMETER Panel - Motion-Curve SAVE II (Hydro Configuration)

6.6.1 NORMAL PROFILE

The NORMAL PROFILE allows the user to adjust the parameters for all automatic operation runs that are longer than the minimum short profile distance, except for emergency power.



	admin		
\land SMARTRISE		CAR 1 2 3 4 5 6 7 4	8
a monitoring			
	NORMAL PROFILE	INSPECTION PROFILE SHORT PROFILE	E EMERGENCY PROFILE
I PARAMETER	Acceleration	Acceleration jark in	Accoloration jark out
Manual Edit			
Speeds			
Fire	Deceleration	Deceleration jerk in	Deceleration jerk out
Doors	1		0.8
S-Curve BLLabele			
		Leveling Distance	
		-0	
C HALL CALLS			
		SAVE CHANGES	
12 DYNAMIC SECURITY			
A USERS			
i ABOUT			

Figure 24: PARAMETER Panel - S-Curve NORMAL PROFILE

The table below lists the description of the PARAMETER Panel - S-Curve NORMAL PROFILE.

Field	Description			
CAR 1 2	Allows the user to select the car label			
Acceleration	Allows the user to set the pace at which the car reaches constant			
	speed on normal profile runs			
Acceleration jerk in	Allows the user to set the transition from zero speed to full			
	acceleration on normal profile runs			
Acceleration jerk out	Allows the user to set the speed at which the profile transitions			
	from maximum to zero acceleration (constant velocity) on normal			
	profile runs			
Deceleration	Allows the user to set the pace at which the car reaches leveling			
	speed on normal profile runs			
Deceleration jerk in	Allows the user to set the softness of the transition from constant			
	velocity to deceleration on normal profile runs			
Deceleration jerk out	Allows the user to set the softness of the transition from			
	deceleration to leveling speed on normal profile runs			
Leveling Distance	Allows the user to set the stabilized distance the elevator will			
	travel before reaching the destination floor on normal profile runs			
Buttons				
SAVE CHANGES	Allows the user to save the set normal profile parameters			

Table 11: PARAMETER Panel - S-Curve NORMAL PROFILE
Perform the following steps to update the normal profile parameters for a particular car:

- 1. Turn on DIP A4.
- 2. From the PARAMETER Panel S-Curve NORMAL PROFILE, select the car label.
- 3. Slide the bar to the new parameter value(s) and click SAVE CHANGES.
 - A green checkmark is displayed.

A DARKITINGE CAR 1 2 3 4 5 6 7 8 MONITORING A LARMS NORMAL PROFILE NEPECTION PROFILE SHORT PROFILE SHORT PROFILE EMERGENCY PROFILE Manal Gitti Speeds NORMAL PROFILE NORMAL PROFILE SHORT PROFILE SHORT PROFILE EMERGENCY PROFILE Manal Gitti Speeds Acceleration Acceleration jerk in Acceleration jerk out 2 Sociare Deceleration Deceleration jerk in Deceleration jerk not Deceleration jerk out Scoure Deceleration Image: Structure Image: Structure Image: Structure Image: Structure G CAR CALS Image: Structure Image: Structure Image: Structure Image: Structure Image: Structure Image: Structure S for Structure Structure Structure Image: Structure		admin	Logout
A MONITORING A FAUTS A LARMS IPARAMETER Manual Edit Speads Brakes Frie Deceleration Deceleration jerk in Deceleration jerk in Deceleration jerk out 1 Deceleration jerk in Deceleration jerk in Deceleration jerk in Deceleration jerk in Deceleration jerk out 1 Deceleration jerk in Deceleration jerk in Deceleration jerk out 1 Deceleration jerk in Deceleration jerk in Deceleration jerk in Deceleration jerk in Deceleration jerk out 1 Deceleration jerk in Deceleration jerk in Deceleration jerk out 1 Deceleration jerk in Deceleration jerk in Deceleration jerk in Deceleration jerk out 1 Deceleration jerk in Deceleration jerk out P Parking Deceleration jerk out Deceleration jerk out Deceleration jerk out Deceleration jerk out Deceleration jerk out <td>🛆 SMARTRISE</td> <td>CAR 1 2 3 4 5 6 7 8</td> <td></td>	🛆 SMARTRISE	CAR 1 2 3 4 5 6 7 8	
A FAULS A LARAS II PRAMETER Markel Edit Speads Brakes Fire Doors Score Carceleration Deceleration Deceleration jerk in Deceleration jerk in <tr< td=""><td>a. Monitoring</td><td></td><td></td></tr<>	a. Monitoring		
ALARMS II PARAMETER Manual Edit Speeds Brakes Fire Doors Score PLables III Calles Brakes PLables III Calles III Calles III Calles System System Scorer PLables III Calles III Calles System System Scorer System States System Scorer System States System Scorer System States System States States States System Scorer States System States Sta	A FAULTS		
I PARAMETER Manual Edit Speads Brake Preve Doors Source P Labels I CaR Calls Value Calls SYSTEM System System Strik No Security Security Security Security			
Manual Edit Speeds Brakes Fire Doors Blanks Pit Labels Leveling Distance I Car CALLS SYSTEM SySTEM SySTEM S I VO IP PARKING Strees	ARAMETER	Assolution Assolution in Assolution tak out	
Speeds Brakes Fire Deceleration Deceleration Deceleration Deceleration SCurve PLabels Leveling Distance Image: CAR CALLS SYSTEM SYSTEM SYSTEM SYSTEM P PARKING Image: Comparison of the c	Manual Edit		
Brakes Frakes Pice Deceleration Deceleration Scurve PiLabels Leveling Distance I I CAR CALLS VILL CALLS SYSTEM SYSTEM Pi Parking Pinaudic Security Scurverty Scurverty Scurverty Scurverty Scurverty Scurverty Scurverty	Speeds		
Fire Deceneration Doors 1.1 Can calls Pi Labels Leveling Distance 1 + Hall calls \$ YSTEM \$ VO P Parking \$ Drivand Security \$ scurity \$ scurity	Brakes	Peoplemetian Developmentian induin Developmentan indust	
Source Source Pi Labels Leveling Distance CAR CALLS HALL CALLS SYSTEM SYSTEM SYSTEM Pi Parking Pi Parking O SECURITY SECURITY Security	Fire		
PILabels Leveling Distance Image: Carc CaLLS Image: Carc CaLLS Image: Carc CaLLS Image: Carc CaLLS Image: System SAVE CHANCES Image: System	S-Curve		
CAR CALLS ALL CALLS ALL CALLS SYSTEM SYSTEM SVE CHANCES	PI Labels	Leveling Dietense	
C HALL CALLS SYSTEM SYSTEM SV0 V0 P PARKING O THUMIC SECURITY S SECURITY S LUSERS	🖾 CAR CALLS		
SYSTEM SAVE CHANGES \$ I/O P P PARKING P \$ DYNAMIC SECURITY SECURITY \$ SECURITY P \$ LUSERS P	♦ HALL CALLS		
\$ 1/0	SYSTEM	SAVE CHANGES	
P PARKING > DYNAMIC SECURITY © SECURITY QLUSERS	\$ I/0		
	P PARKING		
ତ security ଝ users	☆ DYNAMIC SECURITY		
2, USERS	☺ SECURITY		
	🕰 USERS		
	i ABOUT		

Figure 25: PARAMETER Panel - S-Curve NORMAL PROFILE SAVE

6.6.2 INSPECTION PROFILE

The INSPECTION PROFILE allows the user to adjust the parameters for when the car is operating in Inspection mode.



	admin							
\land SMARTRISE			CAR 1 2	3 4	56	7	8	
Q MONITORING								
ZA PAOLIS		NORMAL PROFILE	INSPECTION PRO	ILE	SH	ORT PROFIL	E EMERGENCY PROFILE	
HI PARAMETER		Appaleration		Appelarati	n iask in		Assolution isslessed	
Manual Edit		Acceleration		Acceleratio	лі јегк пі		Acceleration Jerk out	
Speeds		-2	— -2			_	-2	
Brakes Fire				Deceler	ation			
Doors						_		
S-Curve								
PI Labels				SAVE CH.	ANGES			
I CAR CALLS								
\$ I/O								
PARKING								
🕰 USERS								
i ABOUT								

Figure 26: PARAMETER Panel - S-Curve INSPECTION PROFILE

The table below lists the description of the PARAMETER Panel - S-Curve INSPECTION PROFILE.

Field	Description
CAR 1 2	Allows the user to select the car label
Acceleration	Allows the user to set the pace at which the car reaches constant
	speed on inspection profile runs
Acceleration jerk in	Allows the user to set the transition from zero speed to full
	acceleration on inspection profile runs
Acceleration jerk out	Allows the user to set the speed at which the profile transitions
	from maximum to zero acceleration (constant velocity) on
	inspection profile runs
Deceleration	Allows the user to set the pace at which the car reaches leveling
	speed on inspection profile runs
Buttons	
SAVE CHANGES	Allows the user to save the set inspection profile parameters

Table 12: PARAMETER Panel - S-Curve INSPECTION PROFILE

Perform the following steps to update the inspection profile parameters for a particular car:

- 1. Turn on DIP A4.
- 2. From the PARAMETER Panel S-Curve INSPECTION PROFILE, select the car label.
- 3. Slide the bar to the new parameter value(s) and click SAVE CHANGES.
 - A green checkmark is displayed.



	admin	Logout
🛆 SMARTRISE		CAR 1 2 3 4 5 6 7 8
a. Monitoring		
A FAULTS		
	NORMAL PROFILE	INSPECTION PROFILE SHORT PROFILE EMERGENCY PROFILE
2.5 10110		
HIT PARAMETER	Acceleration	Acceleration jerk in Acceleration jerk out
Manual Edit		
Speeds		
Brakes		Deceleration
Fire		
S Cupio		
PLLabels		
CAR CALLS		SAVE CHANGES
P PARKING		
0) LICEDO		
- USERS		

Figure 27: PARAMETER Panel - S-Curve INSPECTION PROFILE SAVE

6.6.3 SHORT PROFILE

The SHORT PROFILE allows the user to adjust the parameters for when the car is operating for the set minimum profile.

	admin				Logout
🛆 SMARTRISE		CAR 1 2	3 4 5 6 7 8		
a monitoring					
A FAULTS					
HI PARAMETER	Accel	ration	Acceleration jerk in	Acceleration jerk out	
Manual Edit					
Speeds					
Fire	Decele	ration	Deceleration jerk in	Deceleration jerk out	
Doors					
S-Curve					
PI Labels			Leveling Distance		
🖽 CAR CALLS					
🗘 HALL CALLS					
SYSTEM			SAVE CHANGES		
\$ I/O					
P PARKING					
☆ DYNAMIC SECURITY					
SECURITY					
🕰 USERS					
i ABOUT					

Figure 28: PARAMETER Panel - S-Curve SHORT PROFILE

The table below lists the description of the PARAMETER Panel - S-Curve SHORT PROFILE.

Table 13: PARAMETER Panel - S-Curve SHORT PROFILE

Field	Description



CAR 1 2	Allows the user to select the car label
Acceleration	Allows the user to set the pace at which the car reaches constant
	speed on short profile runs
Acceleration jerk in	Allows the user to set the transition from zero speed to full
	acceleration on short profile runs
Acceleration jerk out	Allows the user to set the speed at which the profile transitions
	from maximum to zero acceleration (constant velocity) on short
	profile runs
Deceleration	Allows the user to set the pace at which the car reaches leveling
	speed on short profile runs
Deceleration jerk in	Allows the user to set the softness of the transition from constant
	velocity to deceleration on short profile runs
Deceleration jerk out	Allows the user to set the softness of the transition from
	deceleration to leveling speed on short profile runs
Leveling Distance	Allows the user to set the stabilized distance the elevator will
	travel before reaching the destination floor on short profile runs
Buttons	
SAVE CHANGES	Allows the user to save the set short profile parameters

Perform the following steps to update the short profile parameters for a particular car:

- 1. Turn on DIP A4
- 2. From the PARAMETER Panel S-Curve SHORT PROFILE, select the car label.
- 3. Slide the bar to the new parameter value(s) and click SAVE CHANGES.
 - A green checkmark is displayed.



	admin										L	Ld	Ld	Lo	Log	Logo	Logo	Logoi	Logou	Logo	Logoi	Logou	Logout	Logout	Logout	Logout	Logout	Logou								
\land SMARTRISE			CAR 1 2	3 4	56	7 8																														
a monitoring																																				
A FAULTS		NORMAL PROFILE	INSPECTION PROFI	LE	SHORT	PROFILE	EMERGENCY PROFILE																													
I PARAMETER		Acceleration		Acceleration	ierk in		Acceleration ierk out																													
Manual Edit		2	2		,		2																													
Brakes							-																													
Fire		Deceleration		Deceleration	jerk in		Deceleration jerk out																													
Doors		1.2	- 📀 -2-			• 0.	8																													
S-Curve																																				
PI Labels				Leveling Dis	tance																															
CAR CALLS																																				
♀ HALL CALLS																																				
© SYSTEM				SAVE CHAN	GES																															
\$ I/O																																				
P PARKING																																				
a USERS																																				
i ABOUT																																				

Figure 29: PARAMETER Panel - S-Curve SHORT PROFILE: SAVE

6.6.4 EMERGENCY PROFILE

The EMERGENCY PROFLE allows the user to adjust the parameters for when the car is operating in Emergency mode.

_	some	Logout
🚫 SMARTRISE	CAR 1 2 3 4 5 6 7 8	
a monitoring		
🛆 FAULTS	NORMAL PROFILE INSPECTION PROFILE SHORT PROFILE EMERGENCY PROFILE	
🗘 ALARMS		
H PARAMETER	Acceleration Acceleration jerk in Acceleration jerk out	
Manual Edit		
Speeds		
Brakes	Deceleration Deceleration ierk in Deceleration ierk out	
Doors		
S-Curve		
PI Labels	Levelinn Distance	
🖾 CAR CALLS	- 1	
🗘 HALL CALLS		
© SYSTEM	SAVE DHANGES	
\$ I/0		
P PARKING		
☆ DYNAMIC SECURITY		
♥ SECURITY		
2 USERS		
i ABOUT		

Figure 30: PARAMETER Panel - S-Curve EMERGENCY PROFILE

The table below lists the description of the PARAMETER Panel - S-Curve EMERGENCY PROFILE.

Table 14: PARAMETER Panel - S-Curve EMERGENCY PROFILE

Field	Description



CAR 1 2	Allows the user to select the car label
Acceleration	Allows the user to set the pace at which the car reaches constant
	speed on emergency profile runs
Acceleration jerk in	Allows the user to set the transition from zero speed to full
	acceleration on emergency profile runs
Acceleration jerk out	Allows the user to set the speed at which the profile transitions
	from maximum to zero acceleration (constant velocity) on
	emergency profile runs
Deceleration	Allows the user to set the pace at which the car reaches leveling
	speed on emergency profile runs
Deceleration jerk in	Allows the user to set the softness of the transition from constant
	velocity to deceleration on emergency profile runs
Deceleration jerk out	Allows the user to set the softness of the transition from
	deceleration to leveling speed on emergency profile runs
Leveling Distance	Allows the user to set the stabilized distance the elevator will
	travel before reaching the destination floor on emergency profile
	runs
Buttons	
SAVE CHANGES	Allows the user to save the set emergency profile parameters

Perform the following steps to update the emergency profile parameters for a particular car:

- 1. Turn on DIP A4.
- 2. From the PARAMETER Panel S-Curve EMERGENCY PROFILE, select the car label.
- 3. Slide the bar to the new parameter value(s) and click SAVE CHANGES.
 - A green checkmark is displayed.



Figure 31: PARAMETER Panel - S-Curve EMERGENCY PROFILE SAVE

6.7 PI Labels

The Position Indicator (PI) subpanel displays the assigned floor label for each floor.

The number of adjustable PIs available depends on the number of floors and openings of a job. The C4 System can support up to 96 floors.

NOTE: "PI" represents the floor label.

The user can adjust the label by entering numeric, alphanumeric, and special characters into the field. By default, the C4 system supports two characters per floor. Three-character PIs are possible by turning on a parameter (See the C4 Parameter List).



	admin								Logout
🔕 SMARTRISE			2 3		56		8		
▲ FAULTS				20 20					
🔔 ALARMS				19 19					
HI PARAMETER				18 18					
Manual Edit				17 17					
Speeds				16 16					
Brakes				15 15					
Doors				14 14					
S-Curve				13 13					
PI Labels			PI_	12 12					
🕅 CAR CALLS				11 11					
♦ HALL CALLS				10 10					
SYSTEM				9 9					
≤ I/0				8 8					
				7 7					
P PARKING				6 5					
☆ DYNAMIC SECURITY				5 4					
☺ SECURITY				4 3					
🕰 USERS				3 2					
				2 1					
1 10001				1 0					
		Con	ov From		× 54	VE			
				CAR 2	î				
				CAR 3					

Figure 32: PARAMETER Panel - PI Labels

The table below lists the description of the PARAMETER Panel - PI Labels.

Table 15.: PARAMETER Panel - PI Labels

Field	Description
CAR 1 2	Allows the user to select the car label
PI_1 through PI_96	Allows the user to label any landing to a 3-digit alphanumeric or
	numeric configuration
COPY FROM	Allows the user to select a car number to copy PI Labels from
Buttons	
BALLE	Allows the user to save the set PI Label parameters made on the
SAVE	page

Perform the following steps to update the PI Label parameters for a particular car:

- 1. Turn on DIP A4.
- 2. From the PARAMETER Panel PI Labels, select the car label.
- 3. If the car's position:
 - i. is manually adjusted, go to Step 4
 - ii. is copied from another car, go to Step 5
- 4. Enter the new PI value (or values) for the individual car, then click on SAVE.
 - A green checkmark is displayed.
- 5. Click COPY FROM and select the car whose PI parameters are being copied, then click on SAVE.



• A green checkmark is displayed.



Figure 33: PARAMETER Panel - PI Labels SAVE



7 CAR CALLS

The CAR CALLS panel allows the user to initiate a Car Call from the system.

Each button on the screen represents to a floor. When the user presses a button, the controller registers a car call. If the system already has existing car calls, the corresponding button lights up.

NOTE: "R" indicates rear doors.

Appendix a b b b b b b b b c b Anats 19 19 19 19 20 208 Anats 17 178 18 188 Anats 15 158 16 168 Anats 13 138 14 148 Anats 13 138 16 168 Anats 13 138 14 148 Anats 13 138 16 168 Anats 11 118 12 128 Anats 11 128 12 128 Anats 11 128 12 128 Anats 1 128 10 108 Anats 1 128 138 138 Anats 1 128 128 108 Anats 1 128 10 108 Anats 1 18 18 18 18 Anats 1							
A MARE 19 19 20 20R A MARE 17 17R 18 18R 11 DRAMETRE 17 17R 18 18R 12 ORAMETRE 15 15R 16 16R 5 V0 13 13R 14 14R 6 MAREMETRE 11 11R 12 12R 9 MAREMETRE 9 9R 10 10R 4 MARE 9 9R 10 10R 4 MARE 9 9R 10 10R 4 MARE 8R 8R 8R 8R 1 MORT R R 3 3R	\land SMARTRISE		2 3 4		678		
A Ruds 19 198 20 20R M Radderstor 17 17R 18 18R O MacLad 15 15R 16 16R S MORE 13 13R 14 14R S MORE 13 13R 14 14R S MORE 13 13R 14 14R M Radderstor 13 13R 14 14R M Roderstor 10 10R 10R 10R M Roderstor 10 10R 10R 10R M Roderstor 2 2R 3 3R R Roderstor 1 1R 1 1R							
A JANNER C 100 (200 (200 (200 (200 (200 (200 (200	A FAULTS	19	19R	20	20R		
III PARTIE 17 17 18 18 III PARTIE 15 15 16 16 15 13 13 13 14 14 19 11 11 11 12 12 20 NUME CALLES 10 10 10 10 20 NUME CALLES 9 9 10 10 20 NUME CALLES 11 11 12 12 20 NUME CALLES 10 10 10 10 20 NUME CALLES 20 20 3 3 20 NUME CALLES 21 21 21 21 20 NUME CALLES 21 21 21 21 20 NUME CALLES 21 21 21 21 21 NUM 21 22 23 32 32 21 NUM 21 <td< th=""><th>🗘 ALARMS</th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	🗘 ALARMS						
I Matterials I Mile I III I Mile I III I Matterials 15 15R 16 S Maria 13 13R 14 I Maria 13 13R 14 I Maria 11 11R 12 I Maria 9 9R 10 I Maria 9 9R 10 I Maria 4 4R 5 I Maria 1 1R	111 PARAMETER	17	17R	18	18R		
Image: Market Scale of Section	CAR CALLS	17	17 K	10	TOR		
s with is is is is is is is is 5 to is is is is is is is is is 5 to is	☆ HALL CALLS	15	15D	16	16D		
10 13 13 14 11 11 12 12 11 11 11 12 12 12 10 10 10 14 401 10 10 14 401 11 11 12 15 7 7 8 8 14 4R 5 5R 12 2R 3 3R 13 8R 1 18	© SYSTEM	15	IJK	10	TUR		
© Maxada 11 11 14 © Maxada 11 11 12 12R 9 9R 10 10R 7 7R 8 8R 4 4R 5 5R 2 2R 3 3R R RR 1 1R	\$ vo	12	120	14	140		
• Brunde Recent	E PARKING	13	Tak	14	14R		
2: UDEB 9 9R 10 10R 2: ANALT 7 7R 8 8R 4 4R 5 5R 2 2R 3 3R R RR 1 1R	DYNAMIC SECURITY	11	110	10	100		
2 UBBR 9 9R 10 10R 1 ABOUT 7 7R 8 8R 4 4R 5 5R 2 2R 3 3R R RR 1 1R	♥ SECURITY		TIR	TZ	IZR		
1 ABORT 9 9R 10 10R 7 7R 8 8R 4 4R 5 5R 2 2R 3 3R R RR 1 1R	LUSERS			10	105		
7 7R 8 8R 4 4R 5 5R 2 2R 3 3R R RR 1 1R	i ABOUT	9	9R	10	TOR		
7 7R 8 8R 4 4R 5 5R 2 2R 3 3R R RR 1 1R							
4 4R 5 5R 2 2R 3 3R R RR 1 1R			7R	8	8R		
4 4R 5 5R 2 2R 3 3R R RR 1 1R							
2 2R 3 3R R RR 1 1R		4	4R	5	5R		
2 2R 3 3R R RR 1 1R							
R RR 1 1R		2	2R	3	3R		
R RR 1 1R							
		R	RR		1R		

Figure 34: CAR CALLS Panel

The table below lists the description of the CAR CALLS Panel.

Table 16: CAR CALLS Panel

Field	Description			
CAR 1 2	Allows the user to select the car label			
Floor Number	Allows the user to select a floor			

Perform the following steps to initiate a car call for a particular car:

- 1. From the CAR CALLS Panel, select the car label.
- 2. Click on the floor number.
 - The color of the active car call button turns blue.





Figure 35: CAR CALLS Panel ACTIVE CAR CALL

8 HALL CALLS

The HALL CALLS panel allows the user to initiate a Hall Call from the system. Each button on the screen represents a direction and floor. When the user presses a button, the controller registers a hall call in the chosen direction. If the system already has existing hall calls, the corresponding button direction lights up.



-	admin	Logout
\land SMARTRISE		
a monitoring	$(\uparrow) (\uparrow)$	
A FAULTS	19 19R 20 20R	
	\downarrow \downarrow \downarrow \downarrow	
I PARAMETER	$\uparrow \uparrow \uparrow \uparrow$	
🖾 CAR CALLS	17 17R 18 18R	
\bigcirc HALL CALLS		
SYSTEM	$\uparrow \uparrow \uparrow \uparrow$	
\$ I/O	15 15R 16 16R	
P PARKING		
☆ DYNAMIC SECURITY	$(\uparrow) (\uparrow) (\uparrow) (\uparrow)$	
© SECURITY	13 13R 14 14R	
LUSERS		
i ABOUT	\uparrow \uparrow \uparrow \uparrow	
	11 11R 12 12R	
	(1 , 1	
	9 9R 10 10R	
	\mathbf{T}	

Figure 36: HALL CALLS Panel

The table below lists the description of the HALL CALLS Panel.

Table 17: HALL CALLS Panel

Field	Description
Floor Number	Allows the user to select a floor

2023 © Smartrise Engineering, Inc. All Rights Reserved



Buttons	
(\uparrow)	Allows the user to move the car in the UP direction
\checkmark	Allows the user to move the car in the DOWN direction

Perform the following to initiate a hall call:

-

- 1. From the HALL CALLS Panel, click on a Floor by selecting the move UP and/or DOWN arrows.
 - The color of the active hall call UP and/or DOWN arrow buttons turn blue.



Figure 37: HALL CALLS Panel ACTIVE HALL CALL



9 SYSTEM

The SYSTEM panel allows the user to choose a system function. Each function provides step-by-step instructions on how to perform backups and updates.

9.1 Software Download

The Software Download subpanel displays detailed instructions to update the system software for Machine Room (MR), Car Top (CT), and Car Operational Panel (COP) boards and for Riser boards.

9.1.1 Software Download Pre-requisites

Minimum Software Requirements for Controller 64i0:

- Board Version: SR3032 M3 and higher
- Shield: SR2030C
- Minimum DAD Shield Version: v1.24 (Note: v1.23 is compatible but operates slower)

Recommended Software Versions for DAD:

- DAD with Local Monitor (LM):
 - **For Raspberry Pi:** lm_rpi_4.1.14_mw_v1.12.15_gui_v1.19.52
 - For Rock Pi: lm_rock_4.1.14_mw_v1.12.15_gui_v1.19.52
- DAD with GUI Only:
 - For Raspberry Pi: rpi_gui_1.19.52_mw_1.21.15
 - **For Rock Pi:** rock_gui_1.19.52_mw_1.21.15

NOTE: if the above pre-requisites are not met, the software download code cannot be downloaded through the Software Download subpanel. It will need to be downloaded using the Link 2 Programmer.



•	admin						
SMARTRISE		Software Download					
A FAULTS		INSTRUCTIONS					
$\hat{igaslash}$ alarms		1a. to update the Machine koom, the Car Log and the Car Openting Yanke Boards, ascorned: the YoU jumper from the Mk, Cir, and the CUP boards. 1b. To update the ReFare board, downored: the WD jumper from the ReFare board. 2a To update the C4 System, turn on DPLAB – located on the Top Bank on the Machine Room board of the car that needs updating. MOTO: endower and indicated a to finance and the Machine Room board of the car that needs updating.					
		NOTE compose common can be updated at a mine. 2b: To update particular like load fut mon DIPS 5, 6, 7, and 8. 3a: While updating the MR board, wait on processors MCUL and MCUB on the Machine Room board to flash the red and green colored lights. The LCD screen on the MR board should return the TOTAL					
🖾 CAR CALLS		PACKEL I # and the state, located on the 4m row from the left, should appear as NEADY. 3b. While updating the Riser board, wait on LEDs B (green) and FAULT (of fash simultaneously. 4) block for grant data from the data from the state from the state for the located late DID.					
🗘 HALL CALLS		• Uptional the star / 2/1 mile starter from your orevine or more a usa imparted milo UAU. NTE: this file should be from the same job bupladed to the GU/controller. Cick on UPLOAD FILE after selecting file. 5 Cick on the UPDATE button to start the software download					
SYSTEM		6a. To update certain boards, click on the checkbox below the corresponding board, then click on the UPDATE SELECTED button. To update all boards, click on the UPDATE ALL button. 6b. To update a Riser board, click on the UPDATE ALL button.					
Software Download		7. If the Software Download percentage located at the upper right side of page reaches 100%, a SUCCESS pop-up will appear - meaning the board(s) have been successfully updated. In case the download was not 100% successful, guidance will be provided - follow the pop-ups on GUI and check the LCD screen state (always wait for the READY state to be able to proceed).					
Backup Param		Ba. Turn off Machine Room DIP BA (located on the Top Bank), then cycle power. 8b. Turn off Riser DIPs 5, 6, and 7, then cycle power.					
Restore Param		9a. Revire the WD jumper to the Machine Room and Car Top boards. b) Benetic the WD jumper to the Bitter house the Bitter house the Bitter Bit					
Update Files		so, rearre un portez o un stata boarda. 10a. The update should be complete.					
Real Time Clock		The controller software version can be viewed via MAIN MENU > ABOUT. NOTE: once the undate is complete, re-tenck that the ioh ame is the same as it was before starting the process.					
System Lindate		10b. The update should be complete.					
↔ µ0		The fiser software version can be viewed via status⇒ Hisek BUAHU status.					
⇒ I/O		CONTINUE					
☆ DYNAMIC SECURITY							
A USERS							
i ABOUT							

Figure 38: SYSTEM PANEL - Software Download

The table below lists the description of the SYSTEM Panel - Software Download.

Table 18: SYSTEM Panel - Software Download

Field	Description
INSTRUCTIONS	Displays the instructions on how to start software download
Show details 🗸	Displays the download's current status
Buttons	
CONTINUE	Allows the system to signal when it is ready for software download
Choose File	Allows the user to choose the car specific file provided by Smartrise (.sbf or .zip)
Upload	Allows the user to upload the selected file
Update	Allows the user to start the software download process
UPDATE ALL	Allows the user to select all boards to be updated
UPDATE SELECTED	Allows the user to select specific boards to be updated
DONE	Allows the user to finalize the software download process



Perform the following steps to update the software:

- 1. Remove the WD jumper:
 - From the MR and CT boards (when updating the MR, CT, and/or COP boards)
 - On the MR board: the jumper is found on the upper left corner with the initials WD.
 - On the CT/COP board: the jumper is found on the right side of the direction buttons with the initials WD.
 - From the Riser board (when updating the Riser board)
- 2. Turn on:
 - DIP 8A on the MR board to download one MR, CT, and/or COP board.
 - DIP 5, 6, 7, and 8 on each Riser board to download the selected Riser boards.
- 3. Watch for a pattern of flashing red and green LEDs on the MCUA and MCUB
 - Check the MR board screen for retry and errors (bottom left of the screen during download)

NOTE: the download process must start over if a field in the table below is displayed with 'ABORT'.

Total	Pkt	# 000	00000
Load	Progr	ess -	XXXX
BRD	xxxX.	S-Rec	0000
<err-< td=""><td>Ms9></td><td>Retry</td><td>0000</td></err-<>	Ms9>	Retry	0000

Figure 39: MR Board – ERROR

The table below lists the description of the displayed fields during software download.

Table 19: MR board - SOFTWARE DOWNLOAD PROGRESS

Field	Description
Total Packet Counter	Total count packets received by MR-B
Overall Load Progress	Overall load progress – all modules
Module (Board ID)	ID string for the module being loaded (MR-A, MR-B, CT-A, CT-B,
	RISE, COPA, COPB, DDMA, DDMB, SHLD)
Load Progress %	Load progress – current module
Total S-Records	Total number of S-records that were successfully transferred and
Successfully Loaded	programmed across all modules
Retry/ Error Causes	Blank Field: No retries or errors.
	Address – Retry: S-Record addressing error was detected.
	Checksum – Retry: S-Record checksum error was detected.
	No S3– Retry: S-Record package did not start with "S3"
	sequence record.
	Overflow – Retry: Load package contains too many records.



Sequence – Retry: Load package contains missing or out-of-
sequence records.
Flash Err – Abort: Flash write failed. Retry count = error code
Bad Erase – Abort: Download initialization encountered a flash
erase problem. Retry count = FFFF
Stalled – Abort: MR-B Software Download detected a download
stall condition. Retry count = 00FF
READY: indicates that MR-B has entered or returned to a state in
which it informs the DAD that it is ready to begin a download.

- 4. From the SYSTEM Panel Software Download, click CONTINUE.
 - The system starts checking software download nodes. If no system is detected, the following error is shown.
- 5. Click on CHOOSE FILE and select the car specific. sbf or .zip file provided by Smartrise and choose whether to import the file 'from your device' or 'from a USB plugged into the DAD'.

• • • • • • • • • • • • • • • • • • •	admin		Logout
▲ SMARTRISE		Software Download	
A FAULTS		INSTRUCTIONS	
$\hat{igside }$ alarms		1a. To update the Machine Room, the Car Top, and the Car Operating Panel boards, disconnect the VID jumper from the MR, CT, and the COP boards. 1b. To update the Riser board, disconnect the VID jumper from the Riser board. 2a. To update the CA System, run on DIP As – located or the Top Bank con the Machine Room board of the car that needs updating.	
		NOTE only one controller can be updated at a time. 2b. To update a particular Riser board, fum on DIPs 5, 6, 7, and 8. 3a. While updating the Mix board, with on processors MCUA and MCUB on the Machine Room board to flash the red and green colored lights. The LCD screen on the MR board should return the TOTAL	
🖾 CAR CALLS		PACKET # and the state, located on the 4th row from the left, should appear as READY. 3b. While updating the River Soard, wat on LEDS (green) and FALLI (red) to fisiah simultaneously. 4. Updated the SRP2 file delite from your device of thom USB instrated to DAD.	
🗘 HALL CALLS		NOTE: this file should be from the same job uploaded to the GU/controller. Cibic on UPLOAD FIEs after selecting file. 5. Cibic on the IPIATE hutton to set the selfware deveload	
SYSTEM		6a. To update certain boards, click on the etheckbox below the corresponding board, then click on the UPDATE SELECTED button. To update all boards, click on the UPDATE ALL button. 6b. To update a Riser board, click on the UPDATE ALL button.	
Software Download		7. If the Software Download percentage cocated at the upper right side of page reaches 100%, a SUCCESS pop-up will appear – meaning the board(s) have been successfully updated. In case the download was not 100% successful, guidance will be provided – follow the pop-ups on GUI and check the LCD screen state (always wait for the READY state to be able to proceed).	
Backup Param		8a. Turn off Machine Koom DiP 8A (located on the Top Bank), then cycle power. 8b. Turn off Nies DIP 53 6 and 7. then cycle power.	
Restore Param		9a. Rewire the WD jumper to the Machine Room and Car Top boards.	
		9b. Rewire the WD jumper to the Riser boards.	
Update Files		Us. The update should be complete. The controller software version can be viewed via MAIN MENU-> ABOUT.	
Real Time Clock		NOTE: once the update is complete, re-check that the job name is the same as it was before starting the process.	
System Lindate		10b. The update should be complete.	
		The riser software version can be viewed via STATUS > HISER BOARD STATUS.	
≯ I/O			
PARKING		From this Device Prom USB inserted into DAD	
☆ DYNAMIC SECURITY		Browse for package file (SBF/ZIP archive) *	
© SECURITY			
A USERS			
i ABOUT			

Figure 40: SYSTEM Panel - Software Download CHOOSE FILE

6. After selecting the file, click on 'Upload'.



	admin		Saved to this PC
SMARTRISE		Software Download	
		Software Dominioau	
A FAULTS		INSTRUCTIONS	
		1a. To update the Machine Room, the Gar Top, and the Gar Operating Panel boards, disconnect the VID jumper from the MR, GT, and the COP boards. 1b To update the Riser board, disconnect the VID jumper from the Riser board. 2a. To update the C4 System, tum on DIP.AB - located on the Top Bark on the Machine Room board of the car that needs updating.	
		NOTE: only one controller can be updated at a time. 2b. To update a particular kites hoard, turn on DiPs 5, 6, 7, and 8.	
CAR CALLS		PACKET # and the state, located on the 4th row from the left, should appear as IEADY. 3b, While updating the Riser board, wait on LEDB 8 Green and AFAUT (red to flash simultaneously.	
		4. Upload the SBF/ZIP file either from your device or from a USB inserted into DAD.	
		NOTE: this file should be from the same job uploaded to the GUI/controller. Click on Stars relation file	
V HALL VALLO		Units on or Exact rise setting me. 5. Click on the UPDATE button to start the software download.	
© SYSTEM		6a. To update certain boards, click on the checkbox below the corresponding board, then click on the UPDATE SELECTED button. To update all boards, click on the UPDATE ALL button.	
O OTOTEM		6b. To update a Riser board, cick on the UPDATE ALL button. 7 if the Software Dwenned percentance located at the unser relativistic of nane reaches 100% a SUCCESS non-un will annear – meaning the heart(a) have been successfully undeted	
Software Download		In case the download was not 100% successful, guidance will be provided - follow the pop-ups on GUI and check the LCD screen state (always wait for the READY state to be able to proceed).	
Backup Param		Ba. Turn off Machine Room DIP BA (located on the Top Bank), then cycle power.	
		8b. Jurn off Niser DIP's 5, 6, and 7, then cycle power. 9a. Review the WD limmer to the Machine Room and Car Too boards.	
Restore Param		9b. Rewire the WD jumper to the Riser boards.	
Update Files		10a. The update should be complete.	
Real Time Clock		The controller software version can be viewed via MAIN MENU > ABOUT. NUTE: none that under is commeter acchedric that the same as it was before starting the process.	
		10b. The update should be complete.	
System Update		The riser software version can be viewed via STATUS -> RISER BOARD STATUS.	
\$ I/O			
PARKING		From this Device. G From USB inserted into DAD	
☆ DYNAMIC SECURITY		Browse for package file (SBF/ZIP archive) *	
		Choose File Car1_V01_02_65g0.sbf	
© SECURITY		Upload	
A USERS			
i ABOUT			

Figure 41: SYSTEM Panel - Software Download UPLOAD

NOTE: if the file is incompatible with the car, a 'Warning!' popup will be displayed.

	admin							Logout
SMARTRISE				Software	Download			
				Continuite	bownioud			
Z FAULTS		INSTRUCTIONS						
		1a. To update the Machine F 1b. To update the Riser boar 2a. To update the C4 System	Room, the Car Top, and the Car Operati rd, disconnect the WD jumper from the n. turn on DIP A8 – located on the Top	ng Panel boards, disconnect the ' Riser board. Bank on the Machine Room boar	ND jumper from the MR, CT, and the COP I of the car that needs updating.			
THE PARAMETER		 2b. To update a particular Ri 3a. While updating the MR b 	iser board, turn on DIPs 5, 6, 7, and 8. loard, wait on processors MCUA and M					
🖾 CAR CALLS		PACKET # and the state, loc 3b. While updating the Riser	ated on the 4th row from the left, shou board, wait on LEDs B (green) and FAI	id appear as READY. JLT (red) to flash simultaneously.				
♦ HALL CALLS		NOTE: this file should be fro Click on UPLOAD FILE after	m the same job uploaded to the GUI/c selecting file.	ontroller.				
		5. Click on the UPDATE butte 6a. To undate certain boards	on to start the software download. s. click on the checkbox below the corr	responding board, then click on th	e UPDATE SELECTED button. To undate a	all boards, click on the UPDATE ALL hu	tton	
SYSTEM		6b. To update a Riser board,	click on the UPDATE ALL button.					
Software Download		If the Software Download In case the download was n	percentage located at the upper right of 100% successful, guidance will be p	side of page reaches 100%, a SU rovided - follow the pop-ups on G	CESS pop-up will appear – meaning the UI and check the LCD screen state (alway	board(s) have been successfully updat vs wait for the READY state to be able t	ed. o proceed).	
Realize Daram		8a. Turn off Machine Room	DIP BA (located on the Top Bank), then	o cycle power.				
Баскир Рагатт		8b. Turn off Riser DIPs 5, 6, a	and 7, then cycle power. The Machine Room and Car Ton board	40				
Restore Param		9b. Rewire the WD jumper to	the Riser boards.					
Update Files		10a. The update should be o	complete.					
Real Time Clock		The controller software vers	ion can be viewed via MAIN MENU -> /	ABOUT. the same as it was before startin	the process			
		10b. The update should be o	complete.	ale suffe us it has before starting	and proceeds.			
System Update		The riser software version c	an be viewed via STATUS -> RISER BO/	ARD STATUS.				
\$ I/O								
PARKING		•	File Name	Last Update (OTA)	Status •••	Actions		
습 DYNAMIC SECURITY		0	Car1_V01_02_65g0.sbf	N/A	Checking cars •••	Update		
~								
♥ SECURITY								
ausers								
i ABOUT								

Figure 42: SYSTEM Panel - Software Download CHECKING STATUS



	admin						Logout			
SMHR I RISE		Software Download								
\triangle alarms										
🖾 CAR CALLS		PACKET # and the state, located on the 4th row from 3b. While updating the Riser board, wait on LEDs B (g 4. Upload the SBF/Z/IP file either from your device and	the left, should appear as READY. reen) and FAULT (red) to flash simultaneous room a USB inserted into DAD	ily.						
♀ HALL CALLS		NOTE: this file should be from the same job uplo. Click on UPLOAD FILE after selecting file. 5. Click on the UPDATE button to start the softwa								
SYSTEM		6a. To update certain boards, click on the checkt 6b. To update a Riser board, click on the UPDATE 7. If the Software Download persentage located	(\mathbf{X})	butto	n. To update all boards, click on the UPDATE ALL but	ton.				
Software Download		In case the download was not 100% successful,	Warning	scree	in state (always wait for the READY state to be able t	o proceed).				
Backup Param		8b. Turn off Riser DIPs 5, 6, and 7, then cycle pow	No C4 systems nor Riser are in Soft	vare Download						
Restore Param		 98. Rewire the WD jumper to the Machine Room - 9b. Rewire the WD jumper to the Riser boards. 	mode							
Update Files		10a. The update should be complete. The controller software version can be viewed via								
Real Time Clock		NOTE: once the update is complete, re-check that	OK							
System Update		The riser software version can be viewed via STATUS	-> RISER BOARD STATUS.							
\$ I/O										
PARKING		# File Name	Last Update (OTA)	Status C	Actions					
슈 DYNAMIC SECURITY		0 Car1_V01_02_65g0.sbf		Car 1 Not Ready 🕕						
[⊕] SECURITY										
A USERS										
i ABOUT										

Figure 43: SYSTEM Panel - Software Download WARNING

7. Click on the 'Update' button to begin the software download.

	admin							Logout			
				Softwa	re Download						
* MONTORING											
⊥ A FAULTS		INSTRUCTIONS									
		1a. To update the Mac 1b. To update the Rise 2a. To update the C4 S		rating Panel boards, disconnect the Riser board. op Bank on the Machine Room b							
^{↓↓†} PARAMETER	2b. To update a particular like to an une. 2b. To update a particular fiker board, fum on DIPs 6, 6, 7 and 8. 3a. While updating the MR board, wait on processors MCUA and MCUB on the Machine Room board to flash the red and green colored lights. The LCD screen on the MR board should return the TOTAL										
I CAR CALLS		PACKET # and the sta 3b. While updating the 4. Upload the SBF/ZIP	te, located on the 4th row from the left, sh Riser board, wait on LEDs B (green) and file either from your device or from a USE								
♀ HALL CALLS		NOTE: this file should Click on UPLOAD FILE 5. Click on the UPDAT	be from the same job uploaded to the GU after selecting file. E <mark>button to start the software download.</mark>								
SYSTEM		6a. To update certain 6b. To update a Riser	boards, click on the checkbox below the c board, click on the UPDATE ALL button.	corresponding board, then click o	n the UPDATE SELECTED butto	on. To update all boards, click on the UPDATE ALL bu	itton.				
Software Download		In case the download	was not 100% successful, guidance will b	e provided - follow the pop-ups of	on GUI and check the LCD scree	en state (always wait for the READY state to be able	to proceed).				
Backup Param		8a. Turn off Machine F	toom DIP 8A (located on the Top Bank), th	hen cycle power.							
		9a. Rewire the WD jurn	5, 6, and 7, then cycle power. per to the Machine Room and Car Top bo	oards.							
Restore Param		9b. Rewire the WD jur	per to the Riser boards.								
Update Files		10a. The update shou	d be complete.								
Real Time Clock		NOTE: once the updat	e version can be viewed via MAIN MENU e is complete, re-check that the job name	-> ABOUT. is the same as it was before sta	rting the process.						
Svetom Undete		10b. The update shou	d be complete.								
System Opuale		The riser software ver	sion can be viewed via STATUS -> RISER I	BOARD STATUS.							
\$ I/O											
P PARKING			# File Name	Last Update (OTA)	Status C	Actions					
와 DYNAMIC SECURITY			0 Car1_V01_02_65g0.sbf	N/A	Car 1 Ready	Update					
© SECURITY											

Figure 44: SYSTEM Panel - Software Download UPDATE (.sbf)

NOTE: if the file is uploaded in .zip format, multiple records of .sbf files might be displayed.



	admin							Logout			
SMHR I RISE											
A FAULTS		INSTRUCTIONS									
\hat{igsid} alarms		1a. To update the Machine 1b. To update the Riser bo 2a. To update the C4 Syste	FROM, the Car Top, and the Car Operating Panel ard, disconnect the WD jumper from the Riser box em, turn on DIP A8 – located on the Top Bank on t pan bo undated at a time.	boards, disconnect the WD jump ard. the Machine Room board of the (
		2b. To update a particular 3a. While updating the MR	Riser board, turn on DIPs 5, 6, 7, and 8. board, wait on processors MCUA and MCUB on t								
🖾 CAR CALLS		3b. While updating the Ris	cated on the 4th row from the left, should appear er board, wait on LEDs B (green) and FAULT (red)	r as READY. to flash simultaneously.							
🗘 HALL CALLS		4. Opioad the SBP/21P file NOTE: this file should be fi Click on UPLOAD FILE afte	einer from your device of from a USB inserted in rom the same job uploaded to the GUI/controller. rr selecting file.								
SYSTEM		6a. To update certain boar 6b. To update certain boar	ds, click on the checkbox below the correspondin	ig board, then click on the UPDA	TE SELECTED button. To upda	ate all boards, click on the UPDATE ALL bu	tton.				
Colturas Doumland		7. If the Software Download	d percentage located at the upper right side of pa	age reaches 100%, a SUCCESS p	op-up will appear – meaning t	the board(s) have been successfully updat	ed.				
Software Download		8a. Turn off Machine Roon	n DIP 8A (located on the Top Bank), then cycle po	wer.	nieck the ECD screen state (an	ways wait for the READT state to be able t	o proceed).				
Backup Param		8b. Turn off Riser DIPs 5, 6	i, and 7, then cycle power.								
Restore Param		9b. Rewire the WD jumper 9b. Rewire the WD jumper	to the Riser boards.								
Update Files		10a. The update should be	complete.								
Bool Time Clock		The controller software ve	rsion can be viewed via MAIN MENU -> ABOUT.								
Real Time Clock		10b. The update should be	complete, re-check that the job hame is the same complete.	as it was before starting the pro	cess.						
System Update		The riser software version	can be viewed via STATUS -> RISER BOARD STAT	rus.							
\$ I/O											
PARKING			File Name	Last Update (OTA)	Status C	Actions					
☆ DYNAMIC SECURITY		0	Car2_JobNameXV01_02_65g0.sbf	N/A	Car 2 Not Ready 🕕	Update					
		1	Car3_JobNameXV01_02_65g0.sbf	N/A	Car 3 Not Ready 🚯	Update					
A USERS		2	Car1_JobNameXV01_02_65g0.sbf	N/A	Car 1 Ready	Update					
i ABOUT											

Figure 45: SYSTEM Panel - Software Download UPDATE (.zip)

- 8. To update the MR, CT, and/or COP boards:
 - Select the boards you want to update and click UPDATE SELECTED.
 - To update all boards, click UPDATE ALL.



	admin	Logout
\land SMARTRISE	Software Download	
	- INSTRUCTIONS	
🛆 Faults		
	NOTE: only one controller can be updated at a time. 2b. To update a particular Riser board, turn on DIPs 5, 6, 7, and 8. 3a. While undating the ME board wait on processors MCUA and MCUB on the Machine Room board to flash the red and green colored lights. The LCD screen on the MR board should return the TOTAL	
it parameter ال	PACKET # and the state, located on the 4th row from the left, should appear as READY. 3b. While updating the Riser board, wait on LEDs B (green) and FAUIT (red) to flash simultaneously.	
🛅 CAR CALLS	4. Optional the sort ZLF the either from your device of norm a USb inserted into UAD. NOTE: this file should be from the same job uploaded to the GUI/controller. Click on UPLOAD FILE after selecting file.	
♀ HALL CALLS	 Click on the UPDATE button to start the software download. Ga, To update certain boards, click on the checkbox below the corresponding board, then click on the UPDATE SELECTED button. To update all boards, click on the UPDATE ALL button. To update a Riser board, click on the UPDATE ALL button. 	
© SYSTEM	7. If the Software Download percentage located at the upper right side of page reaches 100%, a SUCCESS pop-up will appear – meaning the board(s) have been successfully updated. In case the download was not 100%, successful, guidance will be provided - follow the pop-ups on GUI and check the LCD screen state (always wait for the READY state to be able to proceed). Ba, Tum off Machine Room DIP 8A (located on the Top Bank), then orcke power.	
Software Download	8b. Turn off Riser DIPs 5, 6, and 7, then cycle power. 9a. Rewire the WD jumper to the Machine Room and Car Too boards.	
Backup Param	9b. Rewire the WD jumper to the Riser boards. 10a The undete should be complete	
Restore Param	The results include a compared. The viewed via MAIN MENU → ABOUT.	
Update Files	10b. The update should be complete.	
Real Time Clock	The riser software version can be viewed via STATUS-> RISER BUARD STATUS.	
System Update	UPDATE ALL UPDATE SELECTED	
	Please select the boards to update Selected boards: 1	
	Machine Room Car Top Car Top Car Operation Panel	
	MR-A Machine Room A Processor - 0 % CCP-B Car Top B Processor - 0 % COP-B Car Operation Family A Frocessor - 0 % COP-B Car Operation Family A Frocessor - 0 %	
	Show details 🗸	

Figure 46: SYSTEM Panel - Software Download UPDATE (MR, CT, COP)

NOTE: the 'Show Details' displays the current status of the download.



	admin	Logout
🚫 SMARTRISE	Software Download	
	- INSTRUCTIONS	
🛆 Faults		
🔔 ALARMS	NOTE: only one controller can be updated at a time. 2b. To update a particular Riser board, turn on DIPS 5, 67, and 8. 3a. While updating the MR board, wait on processors MCUA and MCUB on the Machine Room board to flash the red and green colored lights. The LCD screen on the MR board should return the TOTAL	
¦¦¦ PARAMETER 	PACKEL If and the state, located on the 4th row from the left, should appear as kEADY. 3b. While updating the Rise brand, walt on LEDB (green) and FAUIT (red) to flash simultaneously. 4. Upload the SBF/ZIP file either from your device or from a USB inserted into DAD.	
៉ CAR CALLS	NOTE: this file should be from the same job uploaded to the GUI/controller. Click on UPLOAD FILE after selecting file. 5. Click on the UIDDATE hutton to start the enthance download.	
♀ HALL CALLS	6. Could will be over a barton to start the somware commonautor of the corresponding board, then click on the UPDATE SELECTED button. To update all boards, click on the UPDATE ALL button. 6b. To update a Riser board, click on the UPDATE ALL button. 7 Mice Company Developed and the UPDATE ALL button.	
SYSTEM	7. In the software download percentage located at the type right size or page reacties took, a societies pop-up win appear – meaning the locate(s) have been successing updated. In case the download was not 100% successful, guidance will be provided - follow the pop-ups on GUI and check the LCD screen state (always wait for the READY state to be able to proceed). 8a. Turn off Machine Room DIP 8A (located on the Top Bank), then cycle power.	
Software Download	8b. Turn off Riser DIPs 5, 6, and 7, then cycle power. 9a. Rewire the WD jumper to the Machine Room and Car Top boards.	
Backup Param Pestore Param	90. Rewrite the wol jumper to the kiser boards. 10a. The update should be complete.	
Update Files	The controller software version can be viewed via MAIN MENU-> ABOUT. NOTE: once the update is complete, re-check that the job name is the same as it was before starting the process.	
Real Time Clock	10b. The update should be complete. The riser software version can be viewed via STATUS → RISER BOARD STATUS.	
System Update		
\$ I/0	UPDATE ALL UPDATE SELECTED	
P PARKING	Please select the boards to update Selected boards: 1	
	Total: 2%	
	Machine Room Car Top Car Operation Panel	
	MR-B Machine Room B Processor - 0 % CCP-A Car Top A Processor - 0 % COP-A Car Operation Panel A Processor - 12 % MR-A Machine Room A Processor - 0 % CCP-B Car Operation Panel B Processor - 0 %	
	Bootloader Status File 0x0225 SRecords - COP-A Car Operation Panel A Processor 0x0ab0 S-Records 0x0000da2 Total S-Records 0x0000da2 Loading Module - COP-A Car Operation Panel A Processor Unit 1	

Figure 47: SYSTEM Panel - Software Download SHOW DETAILS (MR, CT, COP)

The MR board display simultaneously shows the individual and module process of the software download.

Total	Pkt	# 0000	39610
Load	P <u>ro</u> gr	ess -	38%
MR-B	73%	S-Rec.	0000
		Ketry	9999

Figure 48: MR board - SOFTWARE DOWNLOAD PROGRESS

9. For the Riser board, click on the 'Update' button to begin the software download.



	admin							Logout				
					Software	Download						
III CAR CALLS		NETHETIONE										
🗘 HALL CALLS		1a. To update the Ma 1b. To update the Ris	chine R er boar	oom, the Car Top, and the Car Operatin d. disconnect the WD iumper from the l	g Panel boards, disconnect the Riser board.							
© SYSTEM												
Software Download			20. to update a particular has bear, which or box 3, which and MCUB on the Machine Room board to flash the red and green colored lights. The LCD screen on the MR board should return the TOTAL PACKET # and the state, located on the 4th row from the left, should appear as READY.									
Backup Param		4. Upload the SBF/ZI	e Riser P file ei	ther from your device or from a USB ins	erted into DAD.							
Undate Files		Click on UPLOAD FIL	E after :									
Real Time Clock		5. Click on the UPDA 6a. To update certain	rE butto boards	on to start the software download. ;, click on the checkbox below the corre	esponding board, then click on th	e UPDATE SELECTED button. To upd	ate all boards, click on the UPDATE ALL I	button.				
System Update		6b. To update a Riser 7. If the Software Do	· board, wnload	click on the UPDATE ALL button. percentage located at the upper right s	ide of page reaches 100%, a SU	CCESS pop-up will appear – meaning	the board(s) have been successfully upo	dated.				
\$ I/O		In case the download 8a. Turn off Machine 8b. Turn off Riser DIF	l was ne Room I Is 5, 6, a	ot 100% successful, guidance will be pr DIP 8A (located on the Top Bank), then Ind 7, then cycle power.	ovided - follow the pop-ups on G cycle power.	UI and check the LCD screen state (a	Nways wait for the READY state to be abl	e to proceed).				
P PARKING		9a. Rewire the WD jun 9b. Rewire the WD jun 10a. The update sho	mper to mper to uld be c	the Machine Room and Car Top board the Riser boards. omplete.	S.							
☆ DYNAMIC SECURITY		The controller softwa NOTE: once the upda 10b. The update sho	ire vers te is co uld be c	ion can be viewed via MAIN MENU -> A mplete, re-check that the job name is tl omplete.	BOUT. ne same as it was before startin	g the process.						
		The riser software ve	rsion c	an be viewed via STATUS -> RISER BOA	RD STATUS.							
🛎 USERS												
			#	File Name	Last Update (OTA)	Status C	Actions					
I ABOUT			0	Car1_V01_02_65g0.sbf	N/A	Riser 1 is ready	Update					
>												

Figure 49: SYSTEM Panel - Software Download RISER UPDATE (.sbf)

10. To update the Riser board, click UPDATE ALL.



	admin	Logout
🛆 SMARTRISE	Software Download	
間 CAR CALLS	- INSTRUCTIONS	
	 To update the Machine Room, the Car Top, and the Car Operating Panel boards, disconnect the WD jumper from the MR, CT, and the COP boards. To update the Riser board, disconnect the WD jumper from the Riser board. To update the C4 System, turn on DIP A8 – located on the Top Bank on the Machine Room board of the car that needs updating. NOTE: only one controller can be updated at a time. 	
SYSTEM	2b. To update a particular Riser board, turn on DIPs 5, 6, 7, and 8. 3a. While updating the MR board, wait on processors MCUA and MCUB on the Machine Room board to flash the red and green colored lights. The LCD screen on the MR board should return the TOTAL	
Software Download	PACKET # and une state, rocated on une win row monit me enc anound appear as nezvor. 3b. While updating the Reise Food, wat on LEBS (green) and FAUT (red) to flash simultaneously.	
Backup Param	4. Upload the SBF/ZIP file either from your device or from a USB inserted into DAD. NOTE: this file should be from the same lob uploaded to the CUI/Controller	
Restore Param		
Update Files	5. Unice on the UPUALE outloon to start the software download. 6a. To update certain boards, click on the clockbox below the corresponding board, then click on the UPDATE SELECTED button. To update all boards, click on the UPDATE ALL button.	
Real Time Clock	6b. To update a Riser board, click on the UPDATE ALL button. 7 If the Software Download percentaine located at the unperclick inter (that side of name reaches 100% a SUCCESS pon-un will appear – meaning the board(s) have been successfully undated	
System Update	In case the download was not 100% successful, guidance will be provided - follow the pop-ups on GUI and check the LCD screen state (always wait for the READY state to be able to proceed). 8a. Turn off Machine Room DIP 8A (located on the Top Bank), then cycle power.	
≒ I/0	8b. Turn off Riser DIPs 5, 6, and 7, then cycle power. 9a. Rewire the WD jumper to the Machine Room and Car Top boards. 9b. Rewire the WD jumper to the Riser boards.	
P PARKING	10a. The update should be complete. The controller software version can be viewed via MAIN MENU -> ABOUT. NOTE: once the update is complete, re-check that the job name is the same as it was before starting the process.	
☆ DYNAMIC SECURITY	too. Interuptiete anound be vonnpetee. The fieles software version can be be wiewed via STATUS → RISER BOARD STATUS.	
	UPDATE ALL	
😩 USERS	Former 1	
i ABOUT	Riser	
	Riser - 0%	
	Show details 🗸	

Figure 50: SYSTEM Panel - Software Download RISER UPDATE ALL

NOTE: the 'Show Details' displays the current status of the download.



		dmin Log	gout
(SMARTRISE SMARTRISE	Software Download	
ាត់	CAR CALLS	- INSTRUCTIONS	
	HALL CALLS		
0	SYSTEM	NUTE: only one controller can be updated at a time. 2b. To update a particular Riser board, turn on DIPs 5, 6, 7, and 8. 3a. While updating the MR board, wark on processors MCUA and MCUB on the Machine Room board to flash the red and green colored lights. The LCD screen on the MR board should return the TOTAL PACKET # and the state, located on the 4th row from the left, should appear as READY.	
	Software Download	3b. While updating the Riser board, wait on LEDs B (green) and FAULT (red) to flash simultaneously. 4. Upload the SBF/ZIP file either from your device or from a USB inserted into DAD.	
	Backup Param	NOTE: this file should be from the same job uploaded to the GUI/controller.	
	Restore Param		
	Update Files	 a. To update Certain boards, click on the Checkbox below the corresponding board, then click on the UPUALE SELECTED button. b. To update arise board, click on the UPUALE ALL button. 	
	Real Time Clock	7. If the Software Download percentage located at the upper right side of page reaches 100%, a SUCCESS pop-up will appear – meaning the board(s) have been successfully updated. In case the download was not 100% successful, guidance will be provided - follow the pop-ups on GUI and check the LCD screen state (always wait for the READY state to be able to proceed).	
	System Update	8a. Turn off Machine Room DIP 8A (located on the Top Bank), then cycle power. 8b. Turn off Riser DIPs 5. 6. and 7. then cycle power.	
⇒	I/O	9a. Rewire the WD jumper to the Machine Room and Car Top boards.	
Р	PARKING	so, remine the mu panjet in the reset boards. 10a. The update should be complete. The controller software version can be viewed via MAIN MENU -> ABOUT. NOTE: once the update is complete, re-check that the job name is the same as it was before starting the process.	
☆	DYNAMIC SECURITY	10b. The update should be complete. The riser software version can be viewed via STATUS -> RISER BOARD STATUS.	
₪	SECURITY	UPDATE ALL	
i	ABOUT	Riser Riser - 10%	
		Bootloader Status File 0x0190 S-Records - Riser Total S-Records 0x000190 Loading Module - Riser Unit 1	

Figure 51: SYSTEM Panel - Software Download RISER SHOW DETAILS

- 11. When the Software Download percentage located in the top-right corner of the panel reaches 100%, a 'Success' pop up will be displayed.
- 12. Click on OK.
- 13. Click on DONE.





Figure 52: SYSTEM Panel - Software Download (MR, CT, COP) SUCCESS

▲ SMARTRISE			
	 Bar Curse inst common was not not so accessing guita 8a. Turn off Machine Room DIP 8A (located on the Toj 8b. Turn off Riser DIPs 5, 6, and 7, then cycle power. 9a. Rewire the WD jumper to the Machine Room and (
	9b. Rewire the WD jumper to the Riser boards. 10a. The update should be complete. The controller software version can be viewed via MA		
© SYSTEM	NOTE: once the update is complete, re-check that the 10b. The update should be complete.	job name is the same as it was before starting the process.	
	The fiser software version can be viewed via STATC		
Backup Param			
Restore Param	UPDATE ALL		
Update Files	Biogr	~	
Real Time Clock		Success	
System Update		Bootloader Updated 100%	
	Riser - 100%	ОК	
	Bootloader Status File 0x0190 S-Records - Riser		
LUSERS	Total S-Records 0x000190 Loading Module - Riser Unit 1 Done!		
i ABOUT			

Figure 53: SYSTEM Panel - Software Download RISER SUCCESS



	admin	Logout
🛆 SMARTRISE	Software Download	
	- INSTRUCTIONS	
⊥ A FAULTS		
	NOTE: only one controller can be updated at a time. 2b. To update a particular Riser board, turn on DIPs 5, 6, 7, and 8. 3a. While updating the MR board, wait on processors MCUA and MCUB on the Machine Room board to flash the red and green colored lights. The LCD screen on the MR board should return the TOTAL	
¦lî PARAMETER	PACKET # and the state located on the 4th row from the left, should appear as READY. 3b. While updating the Riser board, wait on LEDs B (green) and FAULT (red) to flash simultaneously. 4. Upload the SBF/ZIP file either from your device or from a USB inserted into DAD.	
🖽 CAR CALLS		
SYSTEM	 If the Software Download percentage located at the upper right side of page reaches 100%, a SUCCESS pop-up will appear – meaning the board(e) have been successfully updated. In case the download was not 100% successful, guidance will be provided - follow the pop-ups on GUI and check the LCD screen state (always wait for the READY state to be able to proceed). 8 Turn off Machine Room DIP 80 (located on the Top Bank), then cycle power. 	
Software Download	8b. Turn off Riser DIPs 5, 6, and 7, then cycle power. 9a. Rewire the WD jumper to the Machine Room and Car Top boards.	
Backup Param	9b, Rewire the WD jumper to the Riser boards. 10a. The update should be complete.	
Restore Param	The controller software version can be viewed via MAIN MENU -> ABOUT.	
Update Files	10b. The update should be complete.	
Real Time Clock	The fiser software version can be viewed via STATUS > KISEK BUARU STATUS.	
System Update		
\$ I/O		
P PARKING	Please select the boards to update Selected boards: 1	
	Total: 100%	%
*	Machine Room Car Top Car Operation Panel	
	MR-B Machine Room B Processor - 0% CT-A Car Top A Processor - 0% COP-A Car Operation Panel A Processor - Done MR-A Machine Room A Processor - 0% CT-B Car Top B Processor - 0% COP-B Car Operation Panel B Processor - Done up-to-date	
	Show details 🗸	
	DONE	

Figure 54: SYSTEM Panel - Software Download DONE

NOTE: when the update is completed, the user will be redirected to the table as shown in the image below, and a green check sign will appear next to 'Update'.



		admin								Logout	nt					
 C ARCALES C ARCALES C ARCALES C STEM C STEM C STEM C STEM C STEM C ARCALES C STEM C ARCALES C STEM C ARCALES <lic arcales<="" li=""> C ARCALES C ARCAL</lic>		E R					Software Downloa	ad								
 ↓ FILCALLS ↓ FILCALLS	CAR CALLS			INSTRUCTIONS		Da	l kaanda dhaaraa ah ka UID kuusaa faa									
 Software Download Backup Param Backup	 HALL CALLS SYSTEM 	S		1a. To update the Ma 1b. To update the Ris 2a. To update the C4 NOTE: only one contr	ser bos Syste roller o	Room, the Car Top, and the Car Operating Pane rd, disconnect the WD jumper from the Riser bo m, turn on DIP A8 – located on the Top Bank on an be updated at a time.	I poards, disconnect the WD jumper from pard. the Machine Room board of the car that	m the MK, C1, and the COP boards. at needs updating.								
 Backup Param Report Param Repo	Software Down	load	2b. To update a particular Riser board, Tum on DIPs 5, 6, 7, and 8. 3a. While updating the MR board, wait on processors MCUA and MCUB on the Machine Room board to flash the red and green colored lights. The LCD screen on the MR board should return the TOTAL PACKET # and the state, located on the 4th row from the left, should appear as READY.													
Restore Param Update Files Restore Param 4. Update the files //2 Pile left the files you devide a form to a USB insertial file DDA. Not: to lise a base poly update to lise of the corresponding poly update to lise of the READY state to be able to proceed. S 1/0 1. The dB define Booth 201 (Calce of the To B Bark booth 41 the update is corresponding poly update of the the READY state to be able to proceed. S 1/0 PARKINS B. Thur of M define Booth 201 (Calce of the To B Bark booth 201 (Calce of the To B Bark booth 201 (Calce of the To B Bark booth 201 (Calce of the To Bark booth 2	Backup Para	am		3b. While updating th	ne Rise	r board, wait on LEDs B (green) and FAULT (red) to flash simultaneously.									
 Update Files Rai Time Clock system Update So it con the UPDATE Fait the state state and other state and state do page reaches 10%, a SUCESS pop-up will appear - meaning the board(s) clock on the UPDATE FAIL to the state back do its of page reaches 10%, a SUCESS pop-up will appear - meaning the board(s) theo been successfully updated. In case the doubd award 10% theo respective to the pape up an GU and check the LDB sterem state (always wait for the EA/UV state to be able to process). State to the state of the page reaches 10%, a SUCESS pop-up will appear - meaning the board(s) indowe been successfully updated. In case the doubd ware on 10% to the IDPATE FAIL to the state to be able to process). State to the state to the state to the state of the page reaches 10%, a SUCESS pop-up will appear - meaning the board(s) indowe been successfully updated. In case the doubd ware on 10% to the IDPATE FAIL to the state to be able to process). State to the state of the state to the state of the page reaches 10%, a SUCESS pop-up will appear - meaning the board(s) indowe been successfully updated. In case the doubd ware on 10% to the IDPATE FAIL to the state to be able to process). State to the state of the page reaches 10% state of the page reaches 10%	Restore Par	ram	4. Upload the SBF/ZIP file either from your device or from a USB inserted into DAD. NOTE: this file should be from the same job uploaded to the GUI/controller. Citick on UPLOAD FILE after selection file.													
 Real Time Clock System Update System Update I/O I/O PARKING PARKING	Update Files	s		Click on UPLOAD FIL 5. Click on the UPDA	E afte TE but	^r selecting file. ton to start the software download.										
System Update 1. On bound membrane was rel 10% successful gright side of page resched. Indere the page resched. Such as the bound(s) bank the seched on the forge bank), then cycle power. 1. Sin and the dominane was rel 10% successful gright side of page resched. Indere the page resched. Such as the location of the bound (s) table to proceed. 1. Sin and the dominane was rel 10% successful gright side of page resched. Indere the page resched on the forge bank), then cycle power. 1. Sin and the dominane was rel 10% successful gright side of page resched. Indere the page resched on the forge bank), then cycle power. 1. Sin and the dominane was rel 10% successful gright side of page resched on the forge bank). Then cycle power. 1. Sin and the dominane was rel 10% successful gright side of page resched on the forge bank). Then cycle power. 1. Sin and the dominane was rel 10% successful gright side of page resched on the forge bank). Then cycle power. 1. Sin and the dominane was rel 10% successful gright side of page resched on the forge bank). Then cycle power. 1. Sin and the dominane was rel 10% successful gright side of page resched on the forge bank). Then cycle power. 1. Sin and the dominane was rel 10% successful gright side of page resched on the forge bank). The cycle power. 1. Sin and the dominane was rel 10% successful gright side of page resched on the forge bank). The cycle power was rel 10% successful gright side of page resched on the forge bank is the successful gright side of page resched on the forge bank is the successful gright side of page resched on the forge bank is the successful gright side of page resched on the forge bank is the successful gright side of page resched on the forge bank is the successful gright side of page resched bank is the successful gright side of page resched band sis the succes	Real Time C	Clock		6a. To update certair	1 boan	Is, click on the checkbox below the correspondi	ng board, then click on the UPDATE SEL	LECTED button. To update all board	ls, click on the UPDATE ALL but	tton.						
 S I/O B ARKING O MAMIC SECURITY C SECURITY C ABBOUT F Fie Name Last Update (OTA) Status C Actions C Card_JobNameX_V01_02_65g0.sbf N/A Card 3 Not Ready ● Update C Card_JobNameX_V01_02_65g0.sbf Tue Mar 5 04:29:23 EST 2024 C Card 1 Ready Update 	System Upd	date		7. If the Software Do	wnloa	d percentage located at the upper right side of p	page reaches 100%, a SUCCESS pop-up	will appear – meaning the board(s) have been successfully updat	ted.						
 PARKING ARRWINE W/U Jumper to the Machine koom and car /op boards. Security Security Security NOTE: once the update is complete. The riser software version can be viewed via MAIN MENU-> ABOUT. NOTE: once the update is complete. The riser software version can be viewed via STATUS.> RISER BOARD STATUS. 	\$ I/O			In case the download 8a. Turn off Machine 8b. Turn off Riser DIF	Room Room S 5, 6	not 100% successful, guidance will be provided i DIP 8A (located on the Top Bank), then cycle p and 7, then cycle power.	- tollow the pop-ups on GUI and check t ower.	the LCD screen state (always wait f	or the READY state to be able t	to proceed).						
 C DVNAMIC SECURITY Ne Controls update is complete, include where that the join and where is the same as it was before starting the process. 10b. The update should be complete. The riser software version can be viewed via STATUS → RISER BOARD STATUS. VIERS 1 ABOUT ABOUT T Car3_JobNameX_V01_02_65g0 sbf N/A Car3 Not Ready O Update Car1_JobNameX_V01_02_65g0 sbf Tue Mar 5 04:29:23 EST 2024 Car 1 Ready Update 	P PARKING			9a. Rewire the WD ju 9b. Rewire the WD ju 10a. The update sho	mper mper uld be	o the Machine Room and Car Top boards. o the Riser boards. complete.										
♥ SECURITY ■ USERS i ABOUT # File Name Last Update (OTA) Status C Actions 0 Car2_JobNameX_V01_02_65g0.abf N/A Car 2 Not Ready ● Update 1 Car3_JobNameX_V01_02_65g0.abf N/A Car 3 Not Ready ● Update 2 Car1_JobNameX_V01_02_65g0.abf Tue Mar 5 04:29:23 EST 2024 Car 1 Ready Update 3	ロション ロン	JRITY		NOTE: once the update sho 10b. The update sho	ate is o uld be	complete, re-check that the job name is the sam complete.	e as it was before starting the process.									
Image: NSERS Image: File Name Last Update (OTA) Status C Actions 0 Car_2_JobNameX_V01_02_65g0.sbf N/A Car 2 Not Ready ① Update 1 Car_3_JobNameX_V01_02_65g0.sbf N/A Car 3 Not Ready ① Update 2 Car1_JobNameX_V01_02_65g0.sbf Tue Mar 5 04:29:23 EST 2024 Car 1 Ready Update ②	SECURITY			The liser software ve	ISION	can be viewed via STATUS -> RISER DOARD STA	105.									
# File Name Last Update (OTA) Status C Actions 0 Car2_JobNameX_V01_02_65g0.sbf N/A Car 2 Not Ready • Update 1 Car3_JobNameX_V01_02_65g0.sbf N/A Car 3 Not Ready • Update 2 Car1_JobNameX_V01_02_65g0.sbf Tue Mar 5 04:29:23 EST 2024 Car 1 Ready • Update •	🖧 USERS															
i ABOUT o Car2_JobNameX_V01_02_65g0.sbf N/A Car 2 Not Ready ● update 1 Car3_JobNameX_V01_02_65g0.sbf N/A Car 3 Not Ready ● update 2 Car1_JobNameX_V01_02_65g0.sbf Tue Mar 5 04:29:23 EST 2024 Car 1 Ready Update					#	File Name	Last Update (OTA)	Status C	Actions							
1 Car3_JobNameX_V01_02_65g0.sbf N/A Car3 Not Ready Update 2 Car1_JobNameX_V01_02_65g0.sbf Tue Mar 5 04:29:23 EST 2024 Car 1 Ready Update	i ABOUT				0	Car2_JobNameXV01_02_65g0.sbf	N/A	Car 2 Not Ready 🗊	Update							
2 Carl_JobNameX_V01_02_65g0.sbf Tue Mar 5 04:29:23 EST 2024 Car 1 Ready Update 3					1	Car3_JobNameXV01_02_65g0.sbf	N/A	Car 3 Not Ready 🕕	Update							
					2	Car1_JobNameXV01_02_65g0.sbf	Tue Mar 5 04:29:23 EST 2024	Car 1 Ready	Update 🧭							

Figure 55: SYSTEM Panel - Software Download Update Completed

14. Turn off:

- DIP 8A on the MR board.
- DIPs 5, 6, and 7 on each Riser board.

15. Put the WD jumper back:

- To the MR and CT boards.
- To the Riser boards.
- 16. The update is now complete.

NOTE I: in case the GUI is unable to establish a connection with the DAD unit (due to a WebSocket issue for example), a Warning message is displayed giving you the option to either 'Restart Containers' *or* 'Reload Page'.

NOTE II: Before attempting another download, wait until the MR LCD displays 'READY'. If the download process starts too soon, it will fail again.



	boards, click on the UPDATE ALL button.		
M SMHR I RISE	7. When the Software Download percentage lo	ocated on the upper right side of page reaches 100%, a success	pop up will appear and the board(s) should be updated
141 PARAMETER			
	8a. Turn Off Machine Room Dip 8A - Top Bank	, and cycle power.	
M CARCALLS	8b. Turn Off Riser Dip 5,6 and 7, and cycle pov	ver.	
CAR CALLS	9a. Put back the WD jumper to the Machine Re	oom and the Car Top boards.	
A	9b. Put back the WD jumper to the Riser board	is.	
V HALL CALLS	10a. The update should be complete. Version	software can be checked: Controller software can be checked via	a Main Menu> About.
	10b.The update should be comp	ia Sta	tus -> Riser Board Status.
SYSTEM		×	
Software Download			
Software Download			
Backup Param	UPDATE ALL UPDATE		
Restore Param			
Undate Files	Please select the boards to update		Total: 5.07%
	Selected boards: 0	Warning!	
Real Time Clock	An and a second s	warning.	
System Update	Mact	Bootloader Process has been Stopped	Car Operation Papel
6			
≫ I/O		Restart Containers Reload Page	
-Second and a second second		Restart Containers	a subscription of the second se
P PARKING	- DEDITION -		
78			
DYNAMIC SECURITY	MR-B Machine Room & Processor - 0%	CT-B Car Top B Processor - 85.07% CT-B Car Top B Processor - 0%	COP-A Car Operation Panel B Processor - 0%
SECURITY			
1997			
SUSERS			
i ABOUT	Show details 💙		

Figure 56: SYSTEM Panel – Software Download WARNING

9.2 Backup Param

The Backup Param subpanel allows the user to back up the parameters for a selected car. The downloaded file contains all the parameters and their respective values.

	admin												L	Logout
\land SMARTRISE			CAR	1	2	3	4	5	6	7	8			
🖽 CAR CALLS														
HALL CALLS		INSTRUCTIONS 1. Select the car you would like to back up 2. Begin back up by pressing the "Start Backup" button 3. A percentage number will begin 4. When complete, the display will say "Download Backup" 5. Hit the "Download Backup" button and your file should d	ready" Jownload										×	
Software Download														
Backup Param														
Restore Param						STAR	T BACI	KUP						
Update Files														
Real Time Clock														
System Update														
\$ I/O														
P PARKING														
☆ DYNAMIC SECURITY														
SECURITY														
🕰 USERS														
i ABOUT														

Figure 57: SYSTEM Panel - Backup Param



NOTE: if the car is offline, the START BACKUP button won't be displayed.



Figure 58: SYSTEM Panel - Backup Param CAR OFFLINE

The table below lists the description of the SYSTEM Panel - Backup Param.

Table 20: SYSTEM Panel - Backup Param

Field	Description
CAR 1 2	Allows the user to select the car label
INSTRUCTIONS	Displays the instructions on how to back up the parameters
Buttons	
START BACKUP	Allows the user to start the backup
DOWNLOAD BACKUP	Allows the user to save the parameter file to the specified location

Perform the following steps to backup parameters for a particular car:

- 1. From the SYSTEM Panel Backup Param, select the car label of that car and click on START BACKUP.
- 2. The application starts copying the parameters of the selected car and shows a progress percentage on the screen.



	_	admin													Logout
 	SMARTRISE			CAR	1	2	3	4	5	6	7	8			
١ĝ	CAR CALLS														
\$ \$	HALL CALLS		INSTRUCTIONS 1. Select the car you would like to back up 2. Begin back up by pressing the "Start Backup" but 3. A percentage number will Begin 4. When complete, the display will say "Download B 5. Hit the "Download Backup" button and your file sh	on Ickup ready" ould download										>	
	Software Download														
	Backup Param														
	Restore Param														
	Update Files														
	Real Time Clock						ŀ	70	/						
	System Update							1 %	2						
⇔	I/O														
Р	PARKING														
☆	DYNAMIC SECURITY														
1	SECURITY														
୍	USERS														
i	ABOUT														

Figure 59: SYSTEM Panel - Backup Param START BACKUP

3. When complete, click DOWNLOAD BACKUP.

NOTE: the "backup-car[label].spf" is downloaded into the Downloads folder by default. The user can also select the location of the download.

	admin													Lo	ogout
🚫 SMARTRISE			CAR	1	2	3	4	5	6	7	8				
団 CAR CALLS															
 HALL CALLS SYSTEM 		INSTRUCTIONS 1. Select the car you would like to back up 2. Begin back up by pressing the "Start Backup" button 3. A percentage number will begin 4. When complete the disloar will say "Download Backi	up ready"										>	<	
Software Download		5. Hit the "Download Backup" button and your file should	d download												
Backup Param															
Restore Param															
Update Files															
Real Time Clock						1	\sim	Ω							
System Update						/(JÜ	%							
\$ I/0															
P PARKING					DOW	NLOAI) BACI	kup ri	EADY						
☆ DYNAMIC SECURITY						01401									
					D	OWNL	.uad e	SACKU	Ρ						
i ABOUT															

Figure 60: SYSTEM Panel - Backup Param DOWNLOAD BACKUP

9.3 Restore Param

The Restore Param subpanel allows the user to overwrite the selected car's parameters using the selected file. The Restore Parameter is basically derived from the Backup Parameter.

	admin													Logout
\land SMARTRISE			CAR	1	2	3	4	5	6	7	8			
🖽 CAR CALLS														
		INSTRUCTIONS 1. Select the car to restore parameters to 2. Choose the file to restore parameters (usually na	med *backup.spf)									×	
SYSTEM		3. Set machine room to Inspection Mode 4. Hit the Start Restore button												
Software Download		5. A percentage number will begin 6. When complete, power cycle the car you restored	ł											
Backup Param														
Restore Param						CHO	OSE F	ILE						
Update Files														
Real Time Clock														
System Update														
\$ I/O														
P PARKING														
☆ DYNAMIC SECURITY														
A USERS														
i ABOUT														

Figure 61: SYSTEM Panel - Restore Param

The table below lists the description of the SYSTEM Panel - Restore Param.

Table 21: SYSTEM Panel - Restore Param

Field	Description
CAR 1 2	Allows the user to select the car label
INSTRUCTIONS	Displays the instructions on how to restore the parameters
Buttons	
CHOOSE FILE	Allows the user to choose the parameter file
UPLOAD FILE	Allows the user to upload the parameter file
START RESTORE	Allows the user to start the restore parameter process

Perform the following steps to restore the parameters for a particular car:

- 1. Turn on DIP A4.
- 2. From the SYSTEM Panel Restore Param, select the car label and click CHOOSE FILE.
- 3. From the Downloads folder, select the "backup_car[label].spf" file.



- 4. Set the MR board to Inspection Mode.
- 5. Click on UPLOAD FILE.

	admin													Logout
▲ SMARTRISE			CAR	1	2	3	4	5	6	7	8			
🖽 CAR CALLS														
$\stackrel{\frown}{_{\sim}}$ hall calls		INSTRUCTIONS 1. Select the car to restore parameters to 2. Choose the file to restore parameters (usually named ¹ 3. Set machine room to Inspection Mode	backup.spf	")									×	
SYSTEM		4. Hit the Start Restore button												
Software Download		6. When complete, power cycle the car you restored												
Backup Param														
Restore Param						СНС	OSE FI	ILE						
Update Files						backu	p_car1 (2).	.spf						
Real Time Clock						UPL	OAD FI	LE						
System Update						012	0,10,11							
\$ I/O														
☆ DYNAMIC SECURITY														
🕰 USERS														
i ABOUT	*													

Figure 62: SYSTEM Panel - Restore Param UPLOAD FILE

6. Click on START RESTORE.

	admin													Logout
\land SMARTRISE			CAR	1	2	3	4	5	6	7	8			
🛅 CAR CALLS														
🗘 HALL CALLS		INSTRUCTIONS 1. Select the car to restore parameters to 2. Choose the file to restore parameters (usually named *	'backup.spf	")									×	
SYSTEM		 Set machine room to Inspection Mode Hit the Start Restore button A percentage number will begin 												
Software Download		6. When complete, power cycle the car you restored												
Backup Param														
Restore Param						STAR	T REST	ORE						
Update Files														
Real Time Clock														
System Update														
\$ I/O														
P PARKING														
☆ DYNAMIC SECURITY														
a USERS														
i ABOUT	×													

Figure 63: SYSTEM Panel - Restore Param START RESTORE

NOTE: if the MR board is not in Inspection Mode, a Machine Room Board Inspection Mode Warning is displayed and the process ends.





Figure 64: SYSTEM Panel - Restore Param WARNING

7. A percentage number is displayed. The parameters are restored when the screen displays 100%.

	admin												Logout
\land SMARTRISE			CAR 1	2	3	4	5	6	7	8			
🖽 CAR CALLS													
↔ HALL CALLS		INSTRUCTIONS 1. Select the car to restore parameters to 2. Choose the file to restore parameters (usually named 3. Set machine room to Inspection Mode	d "backup.spf")									×	
© SYSTEM		4. Hit the Start Restore button 5. A percentage number will begin											
Software Download		6. When complete, power cycle the car you restored											
Backup Param													
Restore Param													
Update Files													
Real Time Clock						<i>ח</i> ר							
System Update						3%							
\$ I/O													
P PARKING													
☆ DYNAMIC SECURITY													
A USERS													
i ABOUT													

Figure 65: SYSTEM Panel - Restore Param RESTORE PROGESS





Figure 66: SYSTEM Panel - Restore Param RESTORE COMPLETED I

Logout	admin													Logout
🚫 SMARTRISE			CAR		2	3	4	5	6	7	8			
🖽 CAR CALLS														
♀ HALL CALLS		INSTRUCTIONS 1. Select the car to restore parameters to 2. Choose the file to restore parameters (usually named	l *backup.spl	f")									×	
SYSTEM		3. Set machine room to Inspection Mode 4. Hit the Start Restore button												
Software Download		 A percentage number will begin When complete, power cycle the car you restored 												
Backup Param														
Restore Param														
Update Files														
Real Time Clock	100%													
System Update		100%												
\$ I/O														
					RE	STOR	ECOM	PLETE	ED					
☆ DYNAMIC SECURITY														
© SECURITY														
i ABOUT														

Figure 67: SYSTEM Panel - Restore Param RESTORE COMPLETED II

8. Power cycle the unit and set the MR to Normal mode.

9.4 Update Files

System updates are carried out by selecting a file and downloading it to the system.

9.4.1 UPDATE FILES

The UPDATE FILES subpanel allows the user to update the files list. This list includes any or a combination of the following:

- 1. FAULTS List: consists of FAULTS IDs and descriptions as displayed on the FAULTS Panel.
- 2. ALARMS LIST: consists of ALARM IDs and DESCRIPTIONS as displayed on the ALARMS Panel.
- 3. PARAMETER LIST: consists of PARAMETER TYPES, INDEX, and NAMES.
- 4. I/O LIST: consists of I/O NAMES.

	admin		Saved to this PC
\land SMARTRISE	FILES CONFIG		
গ্য PARAMETER			
🛅 CAR CALLS		×	
🗘 HALL CALLS	1. This page updates the file list on this application: Faults, Alarms, Parameters and IO.		
© SYSTEM	2. Makes and got have use concerpted as get and got international series you to update you do not internated version. This package must contain one or more of the above-mentioned files. 3. Select the package file from your local machine or from a plugged USB drive into the RPI. 4. Click on Upload & Update. 5. The package must ware list		
Software Download	o, the application will opport your hat.		
Restore Param			
Update Files	From this Device From USB inserted into DAD		
Real Time Clock	Browse for package file (ZIP archive) *		
System Update	Choose File No file chosen		
\$ I/O			
P PARKING			
와 DYNAMIC SECURITY			
A USERS			

Figure 68: SYSTEM Panel - Update Files [FILES]

The table below lists the description of the SYSTEM Panel - Update Files [FILES].

Table 22: SYSTEM Panel - Update Files [FILES]

Field	Description					
INSTRUCTIONS	Displays the instructions on how to restore the parameters					
Buttons						
Choose File	Allows the user to select the package file from their local device or from a plugged USB drive into DAD					
Upload & Update	Allows the user to upload and update the file list on the system					

Perform the following steps to update the files list:

1. From the SYSTEM Panel - Update Files - FILES, select the .zip package file from your device or from a USB plugged into the DAD.




Figure 69: SYSTEM Panel - Update Files [FILES: CHOOSE FILE (From USB inserted into DAD)]

2. After selection the file, click on 'Upload & Update'.

	admin	Logout
SMARTRISE	FILES CONFIG	
🖽 CAR CALLS		~
	INSTRUCTIONS 1 This page undates the file list on this application: Faults, Alarms, Parameters and IO	
	 Make sure you have the correct package file (zip) that Smartrise sends you to update your GUI to the latest version. This narkness must contain one runnes of the solvex-mentioned files 	
SYSTEM	3. Select the package file from your local machine or from a plugged USB drive into the RPI. 4. Click on Linicad & Lindate	
Software Download	5. The application will update your list.	
Backup Param		
Restore Param	From this Device From USB inserted into DAD	
Update Files Real Time Clock	Browse for package file (ZIP archive) *	
System Update	Choose File SystemFiles_01_02_64i0.zip	
\$ I/O	Upload & Update	
P PARKING		
와 DYNAMIC SECURITY		
9)		
SERS		
і авоит		

Figure 70: SYSTEM Panel - Update Files [FILES: UPLOAD & UPDATE (From your Device)]



_	admin	Logout
🛆 SMARTRISE		FILES CONFIG
PARAMETER		
		×
🗘 HALL CALLS	1. This page updates the file list on this application: Faults, Alarms, Parameters	rs and IO.
	2. Make sure you have the correct package file (.zip) that Smarthise sends you This package must contain one or more of the above-mentioned files.	u to update your GUI to the latest version.
© SYSTEM	 Select the package file from your local machine or from a plugged USB drive Click on Upload & Update. 	e into the RPI.
Software Download	5. The application will update your list.	
Backup Param		
Restore Param	You have updated the system files at 11/14/2022 09:18. These are the updated files:	
Update Files	- SystemFaults : version 01_02_64b0 - SystemAlarms : version 01_02_64b0	
Real Time Clock	- SystemParameters : version 01_02_6460 - SystemIO : version 01_02_6460	
System Update	Cores this Device Discourt 105 Invested Into D4D	
\$ I/O	Please choose a package file:	
	/media/SystemFilesV01_c0_RC02.zip Dokad /B Dotate	
P PARKING	🕾 merija	
✿ DYNAMIC SECURITY	SystemFilesV01 02 64b0 (1).zip	
	BystemFilesV01_00, RC02.zip BystemIO_01_02_64b0 (1).zip	
EN USERS		
і авоит		

Figure 71: SYSTEM Panel - Update Files [FILES: UPLOAD & UPDATE (From USB inserted into DAD)]

3. The application will start the update process and a loading message is displayed.

0
We are updating the files. Please do not close/refresh/duplicate this page before the process is completed.

Figure 72: SYSTEM Panel - Update Files [FILES: LOADING]

4. When the update is complete, a success popup is be displayed. Click OK.





Figure 73: SYSTEM Panel - Update Files [FILES: SUCCESS]

5. The list of files uploaded to the system is displayed on the screen along with the date and time of the update.

	admin		Logout
SMARTRISE		FILES CONFIG	
PARAMETER			
🖽 CAR CALLS			
<u>^</u>		INSTRUCTIONS	×
V HALL CALLS		 I his page updates the life list on this application: Faults, Alarms, Parameters and IO. Make sure you have the correct package file (.zip) that Smartrise sends you to update your GUI to the latest version. 	
SYSTEM		This package must contain one or more of the above-mentioned files. 3. Select the package first your local machine or from a plugged USB drive into the RPI.	
Software Download		4. Click on Upload & Update. 5. The application will update your list.	
Backup Param			
Restore Param			
Update Files		You have updated the system files at 03/05/2024 07:22. These are the updated files: - SystemAlarms : version 01_02_65f0	
Real Time Clock		- SystemParameters : version 01_02_65f0 - SystemFaults : version 01_02_65f0	
System Update		- SystemIO : version 01_02_65f0	
\$ I/O			
		From this Device From USB inserted into DAD	
		Browse for package file (ZIP archive) *	
☆ DYNAMIC SECURITY		Choose File No file chosen	
Survey USERS			
i ABOUT			

Figure 74: SYSTEM Panel - Update Files [FILES: UPLOADED LIST OF FILES]

NOTE: in case of an invalid file, an error message will be displayed.





Figure 75: SYSTEM Panel - Update Files [FILES: INVALID FILE]

9.4.2 UPDATE CONFIG

The UPDATE CONFIG subpanel allows the user to choose a job specific configuration file to update the entire application to that job's specifications.

The purpose of CONFIG is to streamline the process of setting up a C4 DAD with job specific data.

	admin		Logout
🛆 SMARTRISE		FILES CONFIG	
🖽 CAR CALLS			
🗘 HALL CALLS		INSTRUCTIONS I. This page updates the job configuration file for this application C. This page updates the job configuration file for this application C. State the foll that Remarkies reads will be update with UII to the latest job configuration file (config all)	
SYSTEM		3. The application will begin updating, in Chrome, there will be a cricle motion on the tab to indicate it is loading 4. The page will be redirected to the restart containers tab.	
Software Download			
Backup Param		CHOOSE FILE	
Restore Param			
Update Files			
Real Time Clock			
System Update			
\$ I/O			
PARKING			
☆ DYNAMIC SECURITY			
ତ SECURITY			
🕰 USERS			
i ABOUT	Y.		

Figure 76: SYSTEM Panel - Update Files [CONFIG]

The table below lists the description of the SYSTEM Panel - Update Files [CONFIG].



Table 23: SYSTEM Panel - Update Files [CONFIG]

Field	Description
INSTRUCTIONS	Displays the instructions on how to upload configuration files
Buttons	
CHOOSE FILE	Allows the user to select the configuration file to upload
UPDATE CONFIG	Allows the user to upload the configuration file to the DAD unit
SYNC NEW CONFIG	Allows the user to download the configuration file to the C4 application

Perform the following steps to update the config file:

- 1. From the SYSTEM Panel Update Files CONFIG, click CHOOSE FILE.
- 2. Select the SYNC CONFIG GILE (config*.h) to update a specific job.
- 3. Click UPDATE CONFIG.
 - The system begins to upload the new configuration file.

	admin		Logout
🛆 SMARTRISE		FILES CONFIG	
🖽 CAR CALLS			
 HALL CALLS SYSTEM 		INSTRUCTIONS X 1. This page updates the job configuration file for this application 2. Select the file that Smartrise sends you to update your GUI to the latest job configuration file (config.all) 3. The application will begin updating, in Chrome, there will be a circle motion on the tab to indicate it is loading 4. The page will be redirected to the restart containers tab.	
Software Download			
Backup Param		CHOOSE FILE	
Restore Param		config_all_Generic DAD Job (8 cars)_Group 1.h	
Update Files		UPDATE CONFIG	
Real Time Clock			
System Update			
\$ I/O			
P PARKING			
☆ DYNAMIC SECURITY			
SECURITY			
🕰 USERS			
i ABOUT			

Figure 77: SYSTEM Panel - Update Files [CONFIG: UPDATE CONFIG]

4. Click SYNC NEW CONFIG to download the configuration file to the C4 application.



	admin		Logout
▲ SMARTRISE		FILES CONFIG	
🖽 CAR CALLS			
 HALL CALLS SYSTEM 		INSTRUCTIONS X 1. This page updates the job configuration file for this application 2. Select the file that Smartrise sends you to update your GUI to the latest job configuration file (config all) 3. The application will begin updating. In Chrome, there will be a circle motion on the tab to indicate it is loading 4. The page will be redirected to the restart containers tab.	
Software Download			
Backup Param		SYNC NEW CONFIG	
Restore Param			
Update Files			
Real Time Clock			
System Update			
\$ I/O			
PARKING			
☆ DYNAMIC SECURITY			
SECURITY			
i ABOUT			

Figure 78: SYSTEM Panel - Update Files [CONFIG: SYNC NEW CONFIG]

5. A 'Success' popup is displayed.

	admin		Logo	ut
\land SMARTRISE		FILES CONFIG		
🖽 CAR CALLS				
 HALL CALLS SYSTEM 		INSTRUCTIONS 1. This page updates the job configuration file for this application 2. Select the file that Smartrise sends you to update your GUI to the latest job configuration file (config all) 3. The application will begin updating. In Chrome, there will be a circle motion on the tab to indicate it is loading 4. The page will be redirected to the restart containers tab.		
Software Download				
Backup Param				
Restore Param				
Update Files				
Real Time Clock		Success		
System Update		Config file is synced successfully		
\$ I/O		ОК		
PARKING				
☆ DYNAMIC SECURITY				
SECURITY				
a USERS				
i ABOUT				

Figure 79: SYSTEM Panel - Update Files [CONFIG: SUCCESS]

NOTE: the user will be automatically redirected to the Restart Container page. Then once the 90 second count is completed, the user will then be redirected to the Monitoring page.





Figure 80: SYSTEM– Update Config SYSTEM RELOAD

9.5 Real Time Clock

The Real Time Clock subpanel displays the real date and time obtained from the controller. After changing the date and/or time, the system performs a reload session and return to the MONIROTING Panel.

	admin			Logout
🚫 SMARTRISE				
🛅 CAR CALLS				
		3 / 5 / 2024	07:28	
SYSTEM				
Backup Param		SET NEW DATE	SET NEW TIME	
Restore Param		MM DD YYYY	HR MIN TIME ZONE	
Update Files				
Real Time Clock				
		SAVE DA	TE & TIME	
P PARKING				
☆ DYNAMIC SECURITY				
A USERS				
i ABOUT				

Figure 81: SYSTEM Panel - Real Time Clock



The table below lists the description of the SYSTEM Panel - Real Time Clock.

Table 24: SYSTEM Panel - Real Time Clock

Field	Description
SET NEW DATE – MM	Allows the user to select the real time MONTH
SET NEW DATE – DD	Allows the user to select the real time DAY
SET NEW DATE – YYYY	Allows the user to select the real time YEAR
SET NEW TIME – HR	Allows the user to select the real time HOUR
SET NEW TIME – MIN	Allows the user to select the real time MINUTE
SET NEW TIME – TIME ZONE	Allows the user to select the location's time zone
Buttons	
SAVE DATE & TIME	Allows the user to save the real DATE & TIME

Perform the following steps to update the real time clock:

1. From the SYSTEM Panel - Real Time Clock, select the current date and time from each dropdown list.

NOTE: the time is entered in military time format.

- 2. Click SAVE DATE & TIME to save the real time.
 - The system reloads and then returns to the MONIROTING Panel.

Docker UI Control
System will reload in 83 Seconds

Figure 82: SYSTEM Panel - Real Time Clock SYSTEM RELOAD

▲ SMARTRISE

	admin					Logout
MHR I RISE						
A FAULTS			CURRENT FLOOR	DESTINATION	MODE	
		Car1	0	0	Offline	
¦}I PARAMETER						
🖽 CAR CALLS					MODE	
		Car2			Nome	
			0	0	Normai	
© SYSTEM						
Ş I/0		Car3	CURRENT FLOOR	DESTINATION	MODE	
P PARKING		Caro	0	0	Normal	
☆ DYNAMIC SECURITY						
SECURITY			CURRENT FLOOR	DESTINATION	MODE	
😩 USERS		Car4	0	0	Offline	
i ABOUT						
				DESTINATION	MODE	
		Car5	0	0	Offline	
			U	U		
		Car6	CURRENT FLOOR	DESTINATION	MODE	
		Odro	0	0	Offline	
		07	CURRENT FLOOR	DESTINATION	MODE	
		Car/	0	0	Offline	
			CURRENT FLOOR	DESTINATION	MODE	
		Car8	0	0	Offline	

Figure 83: MONIROTING Panel Landing Page

9.6 System Update

The System Update subpanel allows the user to update the software version for the GUI application on the DAD Unit. This update is carried out by selecting a file and downloading it to the system.

System Update

Current release : v1.13.03 (February 24, 2022)

Current versions	Update the C4 DAD	Actions 🔻
	From this Device From USB inserted into DAD	
C4 Middleware		
01.21.25	Browse for image file (SUP archive) *	
🕒 C4 GUI 🗹	Choose File No file chosen	
01.19.63		
< C4 System Manager		
02.02.01		

Figure 84: SYSTEM Panel - System Update

The table below lists the description of the SYSTEM Panel - System Update.

Table 25: SYSTEM Panel - System Update

Field	Description
CURRENT VERSIONS	Displays the current versions of C4 Middleware, C4 GUI, and C4
	System Manager
Update the C4 DAD	Allows the user to update the system from the local device or
	from USB drive
Buttons	
Actions -	Allows the user to back up the current software version
Choose File	Allows the user to choose the system update file

Perform the following steps to update the system:

- 1. From the SYSTEM Panel System Update, click CHOOSE FILE and select the system update file and choose whether to import the file 'from your device' or 'from a USB plugged into the DAD'.
- 2. Proceed with the guided steps displayed on the subpanel.



10 I/O

The I/O Panel allows the user to add, change, remove, or move UNFIXED inputs and outputs.

Fixed inputs and outputs cannot be changed due to safety concerns. If additional feature, or moving an input or output, is required, any UNUSED input or output can be assigned a feature.

Inputs are assigned to the 500s and outputs to the 600s.

10.1 Machine Room

	admin																Logout
🛆 SMARTRISE				CAR	1	2	3	4	5	6	7	8					
🖽 CAR CALLS			INPUTS										OUTP	UTS			
🗘 HALL CALLS		501							601								
		UNUSED				•	SAVE		UN	USED -	-				•	SAVE	
SYSTEM		502							602								
≒ I/0		UNUSED				•	SAVE		UN	USED -	-				•	SAVE	
Machine Room		503							603								
Cartop		UNUSED				-	SAVE		UN	USED -	-				-	SAVE	
Risers		504							604								
Expansions		UNUSED				•	SAVE		UN	USED -	-)	SAVE	
P PARKING		505							605								
☆ DYNAMIC SECURITY		UNUSED				•	SAVE		UN	USED -	-				•	SAVE	
SECURITY		506							606								
😩 USERS		UNUSED				•	SAVE		UN	USED -	-				•	SAVE	
i ABOUT		507							607								
		UNUSED				•	SAVE		UN	USED -	-				•	SAVE	
		508							608								
		UNUSED				•	SAVE		UN	USED -	-				•	SAVE	
							SAVE	CHA	NGES								

On the MR board, each input and output is defined.

Figure 85: I/O Panel - Machine Room

The table below lists the description of the I/O Panel - Machine Room.

Table 26: I/O Panel - Machine Room

Field	Description
CAR 1 2	Allows the user to select the car label
INPUTS	
501-508	Allows the user to select the type of input to the MR board ports 501-508



OUTPUTS	
601-608	Allows the user to select the type of output from the MR board ports 601-608
Buttons	
SAVE	Allows the user to save the selected type of input to MR board ports 501-508 or the selected type of output from the MR board ports 601-608
SAVE CHANGES	Allows the user to save all input and output changes to the MR board ports 501-508 and from the MR board ports 601-608

NOTE: inputs/outputs can be saved separately by clicking SAVE next to each type of input/output Perform the following steps to update the Machine Room Input/Output for a particular car:

- 1. Turn on DIP A4.
- 2. From the I/O Panel Machine Room, select the car label.
- 3. Click on each dropdown list and select the type of input and/or output.
- 4. Click SAVE or SAVE CHANGES.
 - A green save tag with a checkmark is displayed.

	admin												Logout
\land SMARTRISE			CAR	2	3	4	5	6	7	8			
¦lî PARAMETER													
🔟 CAR CALLS													
A HALL CALLS		501					601						
~		UNUSED		-	SAVE		UN	USED -	-			▼ SAVI	
© SYSTEM		502					602						
≒ I/0		UNUSED		•	SAVE		UN	USED -	-			▼ SAV	
Machine Room		503					603						
Cartop COP		UNUSED		•	SAVE		UN	USED -	-			- SAV	
Risers		504					604						
Expansions		UNUSED		-	SAVE		UN	USED -	-			- SAVI	
P PARKING		505					605						
☆ DYNAMIC SECURITY		UNUSED		-	SAVE		UN	USED -	-			- SAVI	
SECURITY		506					606						
🕰 USERS		UNUSED		•	SAVE		LMP	PARKI	NG			▼ ✓ SAV	/E
i ABOUT		507					607						
,í		UNUSED		-	SAVE		UN	USED -	-			- SAV	
		508					608						
		UNUSED		•	SAVE		UN	USED -	-			- SAVI	
					SAVE	CHA	NGES						

Figure 86: I/O Panel - Machine Room SAVE



admin Logout \land SMARTRISE 3 4 8 GSWF - SAVE BUZZER - SAVE ≒ I/0 GSWR - SAVE LMP FIRE - SAVE Machine Room Cartop COP DZ F -SAVE -- UNUSED --- SAVE Risers Expansions - SAVE DZ R -- UNUSED --- SAVE SAVE - SAVE CTUP -] -- UNUSED --😩 USERS CTDN - SAVE -- UNUSED --- SAVE i ABOUT CTEN - SAVE -- UNUSED --- SAVE -- UNUSED --- SAVE -- UNUSED --- SAVE DPM R - SAVE -- UNUSED ---SAVE - SAVE PHE R DO R - SAVE DOL R - SAVE DC R - SAVE DCL R - SAVE NDG R - SAVE DPM F - SAVE -- UNUSED --- SAVE PHE F - SAVE DO F - SAVE DOL F - SAVE DC F - SAVE DCL F -SAVE NDG F - SAVE SAVE CHANGES

On the Cartop board, each input and output is defined.

Figure 87: I/O Panel – Cartop

The table below lists the description of the I/O Panel - Cartop.



Table 27: I/O Panel - Cartop

Field	Description
CAR 1 2	Allows the user to select the car label
INPUTS	
501-516	Allows the user to select the type of input to the Cartop board ports 501-516
OUTPUTS	
601-616	Allows the user to select the type of output from the Cartop board ports 601-616
Buttons	
SAVE	Allows the user to save the selected type of input to Cartop board ports 501-516 or the selected type of output from the Cartop board ports 601-616
SAVE CHANGES	Allows the user to save all input and output changes to the Cartop board ports 501-516 and from the Cartop board ports 601-616

Perform the following steps to update the Cartop Input/Output for a particular car:

- 1. Turn on DIP A4.
- 2. From the I/O Panel Cartop, select the car label.
- 3. Click on each dropdown list and select the type of input and/or output.
- 4. Click SAVE or SAVE CHANGES.
 - A green save tag with a checkmark is displayed.



	admin													Logout
			CAR 1	2	3	4	5	6	7	8				
해 PARAMETER														
🖽 CAR CALLS														
🗘 HALL CALLS		501					601							
© SYSTEM		GSWF		•	SAVE		BUZZ	ZER					SAVE	
≒ I/0		502					602							
Machine Room		GSWR		•	SAVE		LMP	FIRE					SAVE	
Cartop		503			CANE		603							
Risers					SAVE			PARKII	NG				✓ SAVE	
Expansions		504 DZ B		•	SAVE		604	USED					SAVE	
PARKING		505					605	0020						
✿ DYNAMIC SECURITY		CTUP		- Y	SAVE		UN	USED					SAVE	
SECURITY		506					606							
😩 USERS		CTDN		-	SAVE		UN	USED	-				SAVE	
i ABOUT		507					607							
·		CTEN		-	SAVE		UN	USED	-				SAVE	
		508					608							
		UNUSED		•	SAVE		UN	USED				•	SAVE	
		509					609							
		DPM R		•	SAVE		UN	USED	-				SAVE	
		510					610							
		PHE R		•	SAVE		DO R						SAVE	
		511					611							
		DOL R		•	SAVE		DC R						SAVE	
		512 DCI D			041/5		612	D						
		E10			SAVE		(10	ĸ					SAVE	
		513		, Y	SAVE		613	LISED					SAVE	
		514			CALL		614	OOLD					U/IVE	
		PHE F		-	SAVE		D0 F						SAVE	
		515					615							
		DOL F		-)	SAVE		DC F						SAVE	
		516					616							
		DCL F		-	SAVE		NDG	F					SAVE	
					SAVE	CHA	NGES							

Figure 88: I/O Panel - Cartop SAVE

10.3 COP

On the COP board, each input and output is defined.



	admin										 			Logout
✓ SMARTRISE			CAR	1	23	4	5	6	7	8				
iit parameter														
🖽 CAR CALLS														
🗘 HALL CALLS		501					601	5105						
© SYSTEM		UNUSED		•	SAVE		LMP	FIRE					SAVE	
5 1/0		502			041/5		602	45					041/5	
→ 1/0 Machine Room		UNUSED		•	SAVE		CHIN	/IE				•	SAVE	
Cartop		503			SAVE		603						SAVE	
COP		E ONOSED E		•	SAVE			03LD -				•	SAVE	
Expansions		504		•	SAVE		604	USED -				•	SAVE	
P PARKING		505			U. I. L		605	UULD					U.I.L	
☆ DYNAMIC SECURITY		FIRE II CNCL		•	SAVE		UN	USED -				•	SAVE	
SECURITY		506					606							
O LISERS		FIRE II ON		•	SAVE		UN	USED -				•	SAVE	
		507					607							
1 ABOUT		FIRE II HOLD		•	SAVE		BUZZ	ZER				•	SAVE	
		508					608							
		FIRE II OFF		•	SAVE		UN	USED -	-			•	SAVE	
		509					609							
		INDP		•	SAVE		UN	USED				•	SAVE	
		510					610							
		DCB F		•	SAVE		UN	USED -	-			•	SAVE	
		511					611							
		DOB F		•	SAVE		UN	USED -	-			•	SAVE	
		512					612							
		DCB R		•	SAVE		UN	USED -				-	SAVE	
		513					613							
		DOB R		•	SAVE		UN	USED -				•	SAVE	
		514					614							
		CC Button Front 1		•	SAVE		CCL	amp Fr	ont 1			•	SAVE	
		515					615	-	-					
		CC Button Rear 1		-	SAVE		CC L	amp Re	ear 1			-	SAVE	
		516			OAVE		616	amar F	opt 0				CAVE-	
		CC Button Front 2		-	SAVE		UU L	amp Fr	ont 2			·	SAVE	
					SAV	E CH	ANGES							

Figure 89: I/O Panel - COP

The table below lists the description of the I/O Panel - COP.

Table 28: I/O Panel - COP

Field	Description
-------	-------------



CAR 1 2	Allows the user to select the car label
INPUTS	
501-516	Allows the user to select the type of input to the COP board ports 501-516
OUTPUTS	
601-616	Allows the user to select the type of output from the COP board ports 601-616
Buttons	
SAVE	Allows the user to save the selected type of input to COP board ports 501-516 or the selected type of output from the COP board ports 601-616
SAVE CHANGES	Allows the user to save all input and output changes to the COP board ports 501-516 and from the COP board ports 601-616

Perform the following steps to update the Machine Room Input/Output for a particular car:

- 1. Turn on DIP A4.
- 2. From the I/O Panel COP, select the car label.
- 3. Click on each dropdown list and select the type of input and/or output.
- 4. Click SAVE or SAVE CHANGES.
 - A green save tag with a checkmark is displayed.



admin 🔕 SMARTRISE	CAR 1	2 3 4	5 6 7 8	Logout
liî parameter				
I CAR CALLS				
501			601	
UNUSED		- SAVE	LMP FIRE	▼ SAVE
© SYSTEM 502			602	
与 I/0 UNUSED		SAVE	CHIME	▼ SAVE
Machine Room 503			603	
COP UNUSED		- SAVE	LMP PARKING	▼ ✓ SAVE
Risers 504			604	
Expansions UNUSED		SAVE	UNUSED	- SAVE
PARKING 505			605	
☆ DYNAMIC SECURITY FIRE II CNCL		SAVE	UNUSED	SAVE
© SECURITY 506			606	
Survey Street St		- SAVE	UNUSED	▼ SAVE
i ABOUT			607	
FIRE II HOLD		- SAVE	BUZZER	- SAVE
508			608	
FIRE II OFF		- SAVE	UNUSED	- SAVE
509			609	
INDP		SAVE	UNUSED	- SAVE
510			610	
DCB F		- SAVE	UNUSED	▼ SAVE
DOB F		- SAVE	UNUSED	- SAVE
512				
DCB R		- SAVE	UNUSED	- SAVE
			613	
DOB R		- SAVE	UNUSED	▼ SAVE
514			614	
CC Button Front 1		SAVE	CC Lamp Front 1	▼ SAVE
515				
CC Button Rear 1		SAVE	CC Lamp Rear 1	- SAVE
516			616	
CC Button Front 2		SAVE	CC Lamp Front 2	▼ SAVE
		SAVE OU	ANGES	
		SAVE CH	ANGES	

Figure 90: I/O Panel – COP SAVE

10.4 Risers

The Riser board can be configured for fire service, emergency power, and hall network connections.



	admin														Logout
\land SMARTRISE			CAR	1	2	3	4	5	6	7	8				
[↓] ↓† PARAMETER															
🔟 CAR CALLS		Disor 1		Disor						cor 2			Disor 4		
🗘 HALL CALLS				Risei						561 5			Risei 4		
© SYSTEM															
⊊ I/0		501						601							
Machine Room		SMOKE HA			• S	SAVE		FIRE	LOBBY	LAMP				SAVE	
Cartop		502						602							
COP Risers		SMOKE MR			• S	SAVE		UNI	USED -	-				SAVE	
Expansions		503						603							
P PARKING		SMOKE ALT			• s	SAVE		UNI	USED -	-			•	SAVE	
✿ DYNAMIC SECURITY		504						604							
• SECURITY		SMOKE MAIN			• S	SAVE		UNI	USED -	-				SAVE	
		505						605							
		FIRE RECALL OFF			• S	SAVE		UNI	USED -	-				SAVE	
i ABOUT		506						606							
		FIRE RECALL RESET			• S	SAVE		UNI	USED -	-			-	SAVE	
		507						607							
		UNUSED			• S	SAVE		UNI	USED -	-			•	SAVE	
		508						608							
		UNUSED			• S	SAVE		UNI	USED -	-				SAVE	
								1050							
						SAVE	CHAN	NGES							

Up to four Riser boards can be used within the system.



The table below lists the description of the I/O Panel - Risers.

Table 29: I/O Panel - Risers

Field	Description
CAR 1 2	Allows the user to select the car label
INPUTS	
501-508	Allows the user to select the type of input to the Riser board ports 501-508
OUTPUTS	
601-608	Allows the user to select the type of output from the Riser board ports 601-608
Buttons	



SAVE	Allows the user to save the selected type of input to Riser board ports 501-508 or the selected type of output from the Riser board ports 601-608
SAVE CHANGES	Allows the user to save all input and output changes to the Riser board ports 501-508 and from the Riser board ports 601-608

Perform the following steps to update the Riser Input/Output for a particular car:

- 1. Turn on DIP A4.
- 2. From the I/O Panel Riser, select the car label.
- 3. Click on each dropdown list and select the type of input and/or output.
- 4. Click SAVE or SAVE CHANGES.
 - A green save tag with a checkmark is displayed.

	admin												Logout
\land SMARTRISE			CAI	R 1	2	34	5	6	7	8			
₩ PARAMETER													
🖾 CAR CALLS		Riser 1		Riser	r 2			Ri	ser 3		Riser 4		
🗘 HALL CALLS				11001									
© SYSTEM													
5 I/O		501					601						
Machine Room		SMOKE HA			- SA	νE	FIR	E LOBBY	' LAMP		•	SAVE	
Cartop		502					602						
Risers		SMOKE MR			- SA	/E	UI	NUSED -	-		•	SAVE	
Expansions		503					603						
P PARKING		SMOKE ALT			▼ SA	/E	LMI	P PARKII	NG		• •	SAVE	
☆ DYNAMIC SECURITY		504					604						
		SMOKE MAIN			• SA	/E	UI	NUSED -	-		•	SAVE	
🕰 USERS		505					605						
		FIRE RECALL OFF			- SA	/E	UI	NUSED -	-		•	SAVE	
I ABOUT		506					606						
		FIRE RECALL RESET			▼ SA	/E	UI	NUSED -	-		•	SAVE	
		507					607						
		UNUSED			▼ SA	/E	UI	NUSED -	-		-	SAVE	
		508					608						
		UNUSED			- SA	/E	UI	NUSED -	-		•	SAVE	
							1411050						
						SAVE CH	HANGES						

Figure 92: I/O Panel - Risers SAVE



10.5 Expansions

Expansion boards are additional boards used to add inputs and outputs. Each expansion board has 8 adjustable inputs and 8 adjustable outputs.

Up to 40 expansion boards can be used within the system.

Once the user selects the Expansion board from the dropdown; the screen below is displayed:

	admin															Logout
\land SMARTRISE			CAR	1	2	3	4	5	6	7	8					
[}] ↓ ↑ PARAMETER																
🖽 CAR CALLS		INPUTS - E	XPANSION									TS - EXF	PANSIO			
C HALL CALLS		501						601								
×		CC Button Rear 2			-	SAVE		CCL	.amp Re	ear 2					SAVE	
SYSTEM		502						602								
≒ I/0		CC Button Front 3			-	SAVE		CCL	.amp Fr	ont 3					SAVE	
Machine Room		503						603								
Cartop COP		CC Button Rear 3			•	SAVE		CCL	.amp Re	ear 3					SAVE	
Risers		504						604								
Expansions		CC Button Front 4			-	SAVE		CCL	.amp Fr	ont 4				,	SAVE	
P PARKING		505						605								
☆ DYNAMIC SECURITY		CC Button Rear 4			-)	SAVE		CCL	.amp Re	ear 4				,	SAVE	
☺ SECURITY		506						606								
🕰 USERS		CC Button Front 5			•	SAVE		CCL	.amp Fr	ont 5					SAVE	
		507						607								
a		CC Button Rear 5			•	SAVE		CCL	.amp Re	ear 5				•	SAVE	
		508						608								
		CC Button Front 6			-	SAVE		CCL	.amp Fr	ont 6				,	SAVE	
						SAVE	CHA	ANGES								

Figure 93: I/O Panel – Expansions

The table below lists the description of the I/O Panel - Expansions.

Table 30: I/O Panel - Expansions

Field	Description
Expansion 1 🔻	Allows the user to select an Expansion board
INPUTS	
501-508	Allows the user to select the type of input to the Expansion board ports 501-508
OUTPUTS	
601-608	Allows the user to select the type of output from the Expansion board ports 601-608
Buttons	



SAVE	Allows the user to save the selected type of input to Expansion board ports 501-508 or the selected type of output from the
	Expansion board ports 601-608
	Allows the user to save all input and output changes to the
SAVE CHANGES	Expansion board ports 501-508 and from the Expansion board
	ports 601-608

Perform the following steps to update the Expansion Input/Output for a particular car:

- 1. Turn on DIP A4.
- 2. From the I/O Panel Expansion, click on the dropdown list and select the Expansion board to which inputs and outputs will be assigned.



Figure 94: I/O Panel - Expansions SELECT EXPANSION BOARD

- 1. Click on each dropdown list and select the type of input and/or output.
- 2. Click SAVE or SAVE CHANGES.
 - A green save tag with a checkmark is displayed.

NOTE: This process must be repeated for each expansion board.

	admin														Logout
🛆 SMARTRISE				CAR	1 2	3	4	5	6	7	8				
¦↓∲ PARAMETER															
I CAR CALLS				XPANSION 1							UTPUT		ON 1		
		501						601							
		CC Button Rear	2		•	SAVE		UN	USED					 ✓ SA 	VE
© SYSTEM		502						602							
\$ I/O		CC Button From	13		•	SAVE		CC L	amp Fro	ont 3				▼ SAV	E
Machine Room		503						603							
Cartop COP		CC Button Rear	3		-	SAVE		CC L	amp Re	ear 3				- SAV	E
Risers		504						604							
Expansions		CC Button From	t 4		•	SAVE		CC L	amp Fro	ont 4				▼ SAV	Έ
		505						605							
☆ DYNAMIC SECURITY		CC Button Rear	4		•	SAVE		CC L	amp Re	ear 4				- SAV	E
SECURITY		506						606							
😩 USERS		CC Button From	t 5		•	SAVE		CC L	amp Fro	ont 5				▼ SAV	E
		507						607							
		CC Button Rear	5		•	SAVE		CC L	amp Re	ear 5				▼ SAV	Έ
		508						608							
		CC Button From	6		•	SAVE		CC L	amp Fro	ont 6				- SAV	E
						SAV	E CHA	ANGES							

Figure 95: I/O Panel – Expansions SAVE





11 PARKING

The PARKING panel allows the user to move an idle car/group of cars to a designated floor. The purpose of PARKING is to reduce the amount of time it takes to service busy floors.

For example: when a car has finished all its requests, it will return to the parking floor and remain there until another request is made.

11.1 Calendar

The Calendar subpanel displays where a car/ group of cars will park according to the rules for a specific time and day of the week. Rules also specify whether the doors will open or remain closed.

_	admin								Logout
🔕 SMARTRISE		Leg	end						Delete Historical Data
			Car Specific Rule 📃 Any	Car Rule Historical Park	ing [] Park with door open	[]] Park with doors closed			
🔔 ALARMS			Mon	Tue	Wed	Thu	Fri	Sat	Sun
\Iî PARAMETER		0 am	Car B1 6 [] Car B2 10 []		PRI 1 10 []				
🖾 CAR CALLS			Car B3 12 [] Car B4 2 []	PRI1 [C []	PRI 1 10 []				
🗘 HALL CALLS		1 am							
SYSTEM									
\$ I/O		2 am							
P PARKING									
Calendar		3 am							
Rules									
		4 am							
SECURITY									
Sers		5 am							
i ABOUT									
		6 am							
		7 am							
		8 am							
		9 am							
		am	PRI 1 19 [I] PRI 2 23 [I]						
			PRI 3 20 [I] PRI 4 18 [I]						
		am					PRI1 7 [[] PRI2 C [[]		
							PRI3 C [[] PRI4 C [[]		
		pm	PRI 1 10 [I] PRI 2 9 [I]						
		1	PRI 3 8 []] PRI 4 7 []]						
		1 pm							
		2							
		z pm							
		3							
		a pm							
		4.000							
		4 pm					PRI 1 10 [] PRI 2 7 [] PRI 3 5 [] PRI 4 23 []		

Figure 96: PARKING Panel - Calendar



The table below lists the description of the PARKING Panel - Calendar.

Table 31: PARKING Panel - Calendar

Field	Description
Day & Time	Displays the parking rules for a car/ group of cars for a specific
	day and time
Buttons	
Car Specific Rule	Indicates a car-specific parking rule for specific days and times
Any Car Rule	Indicates a floor-specific parking rule for specific days and times
Historical Parking	Indicates historical data of parking rules for all cars for specific days and times
[] Park with door open	Indicates that the door state for the applied rule will be open (i.e., the car will park with open doors)
[]] Park with doors closed	Indicates that the door state for the applied rule will be closed (i.e., the car will park with closed doors)

11.2 Rules

The Rules subpanel allows the user to create parking rules.

Parking rules are created to instruct a car(s) to park on certain floors during periods of high traffic, for example. Doors can either be set to open or remain closed upon parking.

	admin		Logout
🚫 SMARTRISE			
	Liet of rules:		CREATE ROLE
		There's no rule. Please create new rule	
¦}† PARAMETER			
I CAR CALLS			
🗘 HALL CALLS			
SYSTEM			
\$ I/O			
P PARKING			
Calendar			
Rules			
お DYNAMIC SECURITY			
SECURITY			
LUSERS			
i ABOUT			

Figure 97: PARKING Panel



\land SMARTRISE	admin					
A FAULTS		List of rules:				
		R1 - monday from 0 to 1	🖉 💼 deactivate 🤍			
¦¦† PARAMETER		R2 - tuesday from 0 to 1 - Priority : 1	🖉 🛅 deactivate 👥			
🛅 CAR CALLS		R3 - wednesday from 0 to 1 - Priority : 1	🖉 💼 deactivate 🛑			
🗘 HALL CALLS		Day: wednesday Start: 00 am				
© SYSTEM		End to an Any available 2 cars will Park at 10				
\$ I/0	All other cars will park according to their predictive floors Doors will be open					
P PARKING						
Calendar						
Rules						
☆ DYNAMIC SECURITY						
and Users						
i ABOUT						

Figure 98: PARKING Panel - Rules

The table below lists the description of the PARKING Panel - Rules.

Table 32: PARKING Panel - Rules

Field	Description
List of rules	Displays a list of all parking rules
Set rule	Describes the created parking rule
Buttons	
CREATE RULE	Allows the user to create a parking rule
ľ	Allows the user to edit a parking rule
	Allows the user to delete a parking rule
activate	Allows the user to activate a parking rule by sliding the button to the left
deactivate	Allows the user to deactivate a parking rule by sliding the button to the right

Perform the following steps to create Parking Rules:

- 1. From the PARKING Panel Rules, click on CREATE RULE.
- 2. Is the rule created for a specific car or floor:
 - i. Car-specific: go to Step 3.



- ii. Floor-specific: go to Step 5.
- 3. The CREATE RULE Car-specific pop-up is displayed.

🛆 SMARTRISE			ODEATE DI II E	
		Create Rule	CREATE ROLE	
	Name	Rule Name	ew nile	
	Day	Monday ~		
∮↓î PARAMETER	Start	00 am 🗸 🗸		
🖽 CAR CALLS	End	01 am 🗸		
A	Door	Open 🗸		
✓ HALL CALLS	Car specific			
SYSTEM	Car 1	~		
≤ 1/0	Car 2	~		
-7 1/ 0	Car 3	×		
P PARKING	Car 4	×		
Calendar	Car 5	~		
Rules	Car 6	×		
☆ DYNAMIC SECURITY	Car 7	~		
SECURITY	Car 8	~		
😩 USERS		Close Create Rule		
i ABOUT				

Figure 99: PARKING Panel – Rules CREATE RULE [Car-specific popup]

- 4. Fill the required fields and click 'Create Rule'.
 - The rule is displayed on PARKING Panel Rules.
- 5. The CREATE RULE Floor-specific pop-up will be displayed.

\land SMARTRISE					
🔔 ALARMS	Т	here's no rule. Please create	e new :		
¦}∲ PARAMETER		Create Rule	<		
🖽 CAR CALLS	Name	Rule Name			
	Day	Monday	~		
✓ HALL CALLS	Start	00 am	~		
SYSTEM	End	01 am .	~		
5 1/0	Door	Open	*		
	Floor specific	Priority 1			
PARKING	Cars #	1			
Calendar	0	•	~		
Rules					
✿ DYNAMIC SECURITY		Close Create Rule			
♥ SECURITY					
🕰 USERS					
i ABOUT					

Figure 100: PARKING Panel - Rules: CREATE RULE [Floor-specific popup]



- 6. Fill the required fields and click 'Create Rule'.
 - The rule is displayed on PARKING Panel Rules.

The table below lists the description of the CREATE RULE pop-up.

Table 33: PARKING Panel - Rules: CREATE RULE popup

Field	Description
Name	Allows the user to enter the rule's name
Day	Allows the user to enter to rule's effective day
Start	Allows the user to select the rule's start time
End	Allows the user to select the rule's end time
Door	Allows the user to select whether the car door is open or closed
Car specific	Allows the user to set a rule for a specific car to park on a specific
	floor
Floor specific	Allows the user to set a rule for any available car(s) to park on a
	specific floor
Priority	Allows the user to select the rule's priority.
	Priority only applied to floor-specific rules
Car [X]	Allows the user to select the designated floor for each Car Label
	from the dropdown to which this rule is set for
Car #	Allows the user to select the number of cars to which this rule is
	set for
Buttons	
Orașele Dule	Allower the wear to save the performing rule
Create Rule	Allows the user to save the parking rule
Close	Allows the user to close the CREATE RULE popup without saving the parking rule
	the parking rule

12 DYNAMIC SECURITY

The DYNAMIC SECURITY panel allows the user to secure a door or an entry point. The purpose of DYNAMIC SECURITY is to help individuals access cars that are "open" to them. When active for a preset period of time, passengers cannot access certain floors/doors/cars depending on the type of security activated.

12.1 Rules

 Image: Simplify Release:
 CORRECT RULE

 Image: Rulease:
 CORRECT RULE

 Image: Rulease:
 Correct Rule button

 Image: Rulease:
 Correct Rulease:

 Image: Rulease:
 Correct Rule

Security Rules are created to lock floors/doors per car or all cars for a specific time and day of the week.

Figure 101: DYNAMIC SECURITY Panel



-	admin					
🛆 SMARTRISE		CREATE RULE				
	List of Security Rules:					
¦↓† PARAMETER	R1 - monday from 00 AM to 01 AM	activate				
🖾 CAR CALLS	Day: monday Start Time: 00 AM					
🗘 HALL CALLS	End Time: 01 AM Hall Calls : - Front floors: All floors - Rear floors: All floors					
© SYSTEM	Car Calls: Cart - Front Noors: All Roors - Rear Roors: All Roors Card - Front Noors: All Roors - Rear Roors: All Roors Card - Front Noors: All Roors - Rear Roors: All Roors					
\$ I/O	Cars - From Libors: All Hoors - Rear Hoors. All Hoors					
P PARKING						
☆ DYNAMIC SECURITY						
Rules						
◀ REPLAYS						
🕰 USERS						
i ABOUT						

Figure 102: DYNAMIC SECURITY Panel – Rules (I)

🛆 SMARTRISE		CREATE RULE
	List of Security Rules:	
	R1 - monday from 00 AM to 01 AM	🕑 💼 activate 💶
↓↓↑ PARAMETER	R2 - tuesday from 00 AM to 01 AM	📝 前 activate 🔿
🖾 CAR CALLS		
	Jay: desiday Start Time: 00 AM End Time: 01 AM Hall Calls:	
© SYSTEM	- Front floors: I - Rear floors: 5 Car Calls: Car 1 - Front floors: 20 - Rear floors: 3 4	
\$ I/O	Car2 - Front floors: 1, 2 - Rear floors: 2 Car3 - Front floors: All floors - Rear floors: All floors	
P PARKING		
습 DYNAMIC SECURITY		
Rules		
♥ SECURITY		
◀ REPLAYS		
A USERS		
i ABOUT		

Figure 103: DYNAMIC SECURITY Panel – Rules (II)

The table below lists the description of the DYNAMIC SECURITY Panel - Rules.

Table 34: DYNAMIC SECURITY Panel - Rules

Field	Description
List of Security Rules	Displays a list of all security rules
	Represents a non-current rule
	Represents a current rule
Buttons	



CREATE RULE	Allows the user to create a security rule
ľ	Allows the user to edit a security rule
	Allows the user to delete a security rule
activate	Allows the user to activate a security rule by sliding the button to the left
deactivate	Allows the user to deactivate a security rule by sliding the button to the right

Perform the following steps to create security rules:

- 1. From the DYNAMIC SECURITY Panel Rules, click on CREATE RULE.
- 2. The CREATE RULE popup is displayed.

SMARTRISE						
		Cre	ate Rule	\times		
	Rule Name	Rule Name				
CAR CALLS	Day	Monday		*		
C HALL CALLS	Start Time	00 AM		~	k on the Create Rule button	
ř	End Time	01 AM		~		
© SYSTEM	Hall Call Floors					
\$ I/O	Select Front Floors	*	Select Rear Floors	Ŧ		
	Car Call Floors					
P PARKING	Select Front Floors	*	Select Rear Floors	Ŧ		
☆ DYNAMIC SECURITY	Car2					
	Select Front Floors	*	Select Rear Floors	Ŧ		
Rules	Car3					
SECURITY	Select Front Floors	Ŧ	Select Rear Floors	*		
			Close	Create Rule		
🕰 USERS						
i ABOUT						

Figure 104: DYNAMIC SECURITY – Rules CREATE RULE popup

- 3. Fill the required fields and click 'Create Rule'.
 - The rule is displayed on the DYNAMIC SECURTY Panel Rules

NOTE: the Rule is created by default in a deactivated state.

The table below lists the description of the CREATE RULE popup.

Table 35: DYNAMIC SECURITY Panel - Rules CREATE RULE popup

Field	Description
Rule Name	Allows the user to enter the rule's name



Day	Allows the user to enter to rule's effective day
Start Time	Allows the user to select the rule's start time
End Time	Allows the user to select the rule's end time
Hall Call Floors	Allows the user to select which floor and corresponding door the rule is applied to
Car Call Floors	Allows the user to select, for a specific car, which floor and corresponding door the rule is applied to
Buttons	
Create Rule	Allows the user to save the security rule
Close	Allows the user to close the CREATE RULE popup without saving the security rule

4. To make the Rule active, the user must first ensure that the date and time on the desired rule matches the current date and time on the DAD unit and then "activate" the rule.



Figure 105: Activating a Rule





Figure 106: Secured Floors Display [Hall Calls]



Figure 107: Secured Floors Display [Car Calls]

NOTE: for DYNAMIC SECURITY, the following parameters should have the following values:

- 235 (Disable Virtual Input) OFF
- 1-257 (Enable Remote Security) ON
- 1-173 (Disable DOB Secured FLR) ON
- 1-138 (Enable Hall Security) ON



13 SECURITY

The SECURITY panel allows the user to secure a floor or an entry point. Unauthorized personnel cannot access these secured floors.



	admin Logout
\land SMARTRISE	CAR 1 2 3 4 5 6 7 8
୍ୱ Monitoring	
▲ FAULTS	19 19R 20 20R
🔔 ALARMS	
HI PARAMETER	17 17R 18 18R
SYSTEM	15 15R 16 16R
\$ I/O	
P PARKING	13 13R 14 14R
☆ DYNAMIC SECURITY	
© SECURITY	11 11R 12 12R
🕰 USERS	
i ABOUT	9 9R 10 10R
	7 7 R 8 8 R
	4 4R 5 5R
	2 2R 3 3R
	0 0R 1 1R
	LOCK ALL
	C UNLOCK ALL
	CANCEL

Figure 108: SECURITY Panel

Perform the following steps to secure a floor for a particular car:

1. From the SECURITY Panel, select the car label.



- 2. Click on the floor number.
 - The color of the call button turns blue when the user locks the floor and turns to default dark grey when the user unlocks the floor.

NOTE: the user can select specific floors to lock/unlock or the user can lock/unlock all floors.



Figure 109: SECURITY Panel Active



14 REPLAY

The REPLAY panel allows the user to display the state of the car before, during, and after a fault/alarm event occurs.

NOTE I: if the total time range of an event exceeds 90 seconds, the REPLAY will create multiple events for the same case.

NOTE II: in order for the events to be produced, the user should have selected the Faults and/or Alarms numbers presented under the Configuration subpanel.

14.1 List & Configuration

The List subpanel displays the events.

The user can:

- i. click on CLEAR EVENTS to clear all events.
- ii. filter the events by date range.

\land SMARTRISE	admin			Logout
			CAR 1 2 3	
¦¦† PARAMETER			CLEAR EVENTS	
🔟 CAR CALLS		- Filter		
🗘 HALL CALLS		From date: mm/dd/yyyy	To date: mm/dd/yyyy 🗅 APPLY CLEAR	
© SYSTEM			=	
\$ I/O			u vojte	
P PARKING			C. C	
☆ DYNAMIC SECURITY				
REPLAYS			- Car Position - Car Speed Paults Aarms	
List			Highdrats.com	
Configuration				
🕰 USERS				
i ABOUT				

Figure 110: REPLAY Panel – List [Default: no events]

The Configuration subpanel displays the Fault and/or Alarms. The user can select which Fault/Alarm to track.

NOTE: the user can select one or multiple Faults/Alarms to track.


	admin						Logout
🛆 SMARTRISE		Faults Al	arms				
¦¦¦ PARAMETER							
🖽 CAR CALLS			es per page		Search:		
🗘 HALL CALLS		Number 🗍	Name 💧	Description		Selected 🗍	
© SYSTEM			No Fault Governor	No faults active. Governor safety input is currently low.			
,						•	
\$ I/O			EB1 Drop	EB1 relay is currently dropped.		-	
						•	
			Unintended Move	A GSW and Lock is open and the car is more than two and a half inches from the nearest learned floor position. The movement direction d commanded.	issagrees with the	-	
☆ DYNAMIC SECURITY			Unintended Move (L)	Unintended movement fault is latched.		-	
SECURITY			Traction Loss	Car speed has deviated from the motor encoder speed by an adjustable percentage.		•	
				Traction loss fault is latched.		•	
REPLAYS			Speed Dev	Car speed has deviated from the command speed by an adjustable percentage. (Hydro): Indicates a speed issue when a valve is active.		•	
List		Showing 1 to	10 of 1,097 entries				
Configuration							
A USERS				SAVE CHANGES			
i ABOUT							



	admin						Logout
🚫 SMARTRISE		Faults Alarm	IS				
¦lî PARAMETER				ALARMS			
🖾 CAR CALLS		10 v entries p	oer page		Search:		
🗘 HALL CALLS		Number 🗍	Name	Description		Selected 🍦	
© SYSTEM			No Alarm NTS Up P1-1	No Alarm NTS point 1 has been tripped in the up direction for the normal motion profile. The lowest point is closest to the terminal.			
<i>E 110</i>							
⇒ 1/0			NTS Up P1-3	NTS point 3 has been tripped in the up direction for the normal motion profile. The lowest point is closest to the terminal.		-	
						•	
			NTS Up P1-5	NTS point 5 has been tripped in the up direction for the normal motion profile. The lowest point is closest to the terminal.		-	
☆ DYNAMIC SECURITY				NTS point 6 has been tripped in the up direction for the normal motion profile. The lowest point is closest to the terminal.		-	
~			NTS Up P1-7	NTS point 7 has been tripped in the up direction for the normal motion profile. The lowest point is closest to the terminal.		-	
♥ SECURITY			NTS Up P1-8	NTS point 8 has been tripped in the up direction for the normal motion profile. The lowest point is closest to the terminal.		-	
			NTS Up P2-1			-	
REPLATS		Showing 1 to 10	of 1,542 entries				
List							
Configuration				SAVE CHANGES			
i ABOUT							

Figure 112: REPLAY Panel- Configuration [Alarms: default state]

The following procedure describes how to employ the Replay Feature:

1. Under the Configuration subpanel, select the desired Fault(s)/Alarm(s) to track.

	admin						Logou
🚫 SMARTRISE		Faults Alarms					
¦↓† PARAMETER							
				FAULTS			
I CAR CALLS		10 🗸 entries per pa	age		Search: 63		
☆ HALL CALLS		Number 🗍	Name	Description		Selected 🔶	
			Car Bypass Sw	Car door bypass switch is ON.			
SYSTEM			LFT Open	Front top lock is open.			
			CT Insp Reqs IC Insp	Both IC and CT inspection switches are required for CT inspection operation.		•	
Ż I\0			DRV REVERSE TACH	Drive reporting reverse tach fault.		•	
				Drive reporting an undefined KEB33 status.		•	
			KEB63	Drive reporting an undefined KEB63 status.		•	
☆ DYNAMIC SECURITY				Drive reporting an undefined KEB133 status.		•	
			KEB163-FIELD BUS WD	Drive reporting Error Field Bus Watchdog.		•	
♥ SECURITY			KEB200-NO COM E.CARD	Drive reporting No Communication to Encoder Card.		•	
			KEB201-E.CARD COM OK	Drive reporting Encoder Communication OK.		_	
REPEATS		Showing 1 to 10 of 23	8 entries (filtered from 1,097 total entries)				
List							
Configuration				SAVE CHANGES			
😩 USERS							
i ABOUT							

Figure 113: REPLAY Panel- Configuration [Faults: selected state]

-	admin						Logout
🚫 SMARTRISE		Faults Alarr	ms				
¦lî parameter				ALARMS			
🖽 CAR CALLS		10 v entries	per page		Search:		
🗘 HALL CALLS		Number 🕴	Name 🕴	Description		Selected	
				When 01-150 is set to ON, this debugging alarm will signal when an ESTOP is commanded due to run flag failing to drop.			1 -
© SYSTEM			ES Move Timeout	When 01-150 is set to ON, this debugging alarm will signal when an ESTOP is commanded due to failing to start a run.			1 -
6 U0				When 01-150 is set to ON, this debugging alarm will signal when an ESTOP is commanded due to invalid inspection mode.			31
⇒ I/O			ES Recall Dest.	When 01-150 is set to ON, this debugging alarm will signal when an ESTOP is commanded due to invalid recall destination.			2
			ES Stop At Next	When 01-130 is set to ON, this debugging alarm will signal when the car is commanded to stop at next available floor.			3.
			ES Earthquake	When 01-150 is set to ON, this debugging alarm will signal when an ESTOP is during EQ operation.			21 - A
☆ DYNAMIC SECURITY				When 01-150 is set to ON, this debugging alarm will signal when an ESTOP is during flood operation.			31
-			Stop No DZ	Car is stopped outside of a door zone.			2
SECURITY			Releveling	Car is performing releveling.			2
			Defaulting 1-Bit	Defaulting 1-bit parameters.			2
REPLAYS		Showing 71 to 8	80 of 1,542 entries				
List							
Configuration				SAVE CHANGES			
🕰 USERS							
i ABOUT							

Figure 114: REPLAY Panel- Configuration [Alarms: selected state]

2. Click on the SAVE CHANGES button - a 'Success' pop up will be displayed.



	admin					Logout
SMARTRISE		Faults Alarms				
¦{∱ PARAMETER						
100						
La CAR CALLS						
				Description		
				\checkmark	ection operation.	-
				6		
PARKING				Success		
☆ DYNAMIC SECURITY				rauits and Alarms configuration successfully sav	/ed 1	
				ок		-
						-
REPLAYS						
List			s entries (filtered from 1,097 tot:	al entries)		
Configuration						
				SAVE CHANG		
SERS						
i ABOUT						

Figure 115: REPLAY Panel- Configuration [Success popup]

3. Click on the OK button.

NOTE: the user will be automatically redirected to the Restart Container page. Then, once the 90 second count is completed, the user will then be redirected to the Monitoring page.

Docker UI Control
System will reload in 90 Seconds

Figure 116: REPLAY Panel – Configuration SYSTEM RELOAD

4. To track the selected Fault(s)/Alarm(s), click on the List subpanel.

NOTE: if any Fault(s)/Alarm(s) occurred outside the selected event, they will be displayed on the graph but not on the EVENTS list.



	admin												Logout
▲ SMARTRISE					CAR	1 2	3						
¦li¶ PARAMETER											CLEAR E	EVENTS	
🖽 CAR CALLS		- Filter											
🗘 HALL CALLS		From date: mm/dd/yyyy	To date:	mm/dd/yyyy		APPLY	CLEAF	2					
© SYSTEM			90k									≡ 500	
\$ I/0		2024-05-18 04:40 PM	uoition 80k					A141	(F75)			250 250	
P PARKING		F.75: Car is out of service on flood operation. A 141: Pressed Car Call Button is secured. A 129: The flood switch has been activated.	0 70k					(A129)			peed0	
✿ DYNAMIC SECURITY			60k	16-38-50 16-39	10 16:39:3	10 16:39	50 16	1 1	16:40:40	16:41:00	16:41:20	-250	
					16:39:15		16:40:	00	16.40.30		16:41:15		
REPLAYS						— c	Car Position	— Car Speed 🛛 🗧 Fau	lts 😑 Alarms				
List												Highenarts.com	
Configuration													
🕰 USERS													
i ABOUT													

Figure 117: REPLAY Panel - List [Event tracking]

NOTE I: the user has the option to select which type of event (Car Position, Car Speed, Faults, or Alarms) desired to track.



Figure 118: REPLAY Panel – List [Filter applied: Faults]





Figure 119: REPLAY Panel – List [Filter applied: Alarms]



Figure 120: REPLAY Panel – List [Filter applied: Car position]



	admin													Logout
🚫 SMARTRISE						CAR	1	2 3	3					
¦}† PARAMETER													CLEAR EVENTS	
🖽 CAR CALLS		- Filter		_										
🗘 HALL CALLS		From date: mm/dd/yyyy 🗖	То с	late: m	/dd/yyyy		APPLY	CLEA	R					
© SYSTEM													500	:
\$ I/0		2024-05-18 04:40 PM	osition										250	2
P PARKING		F.75: Car is out of service on flood operation. A 141: Pressed Car Call Button is secured. A 129: The flood switch has been activated.	Car P						ل کر	A129	Car Speed: 0		0	1
☆ DYNAMIC SECURITY				16:38:50	16:39:10	16:39:30	16:39:50	16:4	0:10 16:40:20	F75	16:40 Saturday, 18 Mi	ay. 18:40:58.783	-250	
			1	I	16:39:00		16:39:30		16:40:00		16:40:30	16:41:00	I	
REPLAYS							-	Gar Position	- Car Speed	Faults	Alarms			
List													- ignoration	
Configuration														
🕰 USERS														
i ABOUT														

Figure 121: REPLAY Panel – List [Filter applied: Car speed]

NOTE II: hover the cursor over the graphs to view the car position and car speed at a specific instant.

	admin								Logou
🚫 SMARTRISE				CAR	1 2	3			
¦↓† PARAMETER								CLEAR EVE	NTS
🖽 CAR CALLS		- Filter	T - 1-1-						
🗘 HALL CALLS		From date: mm/dd/yyyy	To date	e: mm/dd/yyyy 🗆	APPLY	CLEAR			
© SYSTEM			90k					50	=
\$ I/O		2024-05-18 04:40 PM	Position 80k			• Car Position: 83	834	2	50 Spe
PARKING		A 141: Pressed Car Call Button is secured. A.129: The flood switch has been activated.	70k			• Car Spee	A120 d. 0	0	e d
☆ DYNAMIC SECURITY			60k	16:38:50 16:39:10 16:	39:30 16:39:50	16:40:10 Satur	day, 18 May, 16:40:28.348 16:40:50	-2-	250
				16:39:15		16:40:00	16:40:30	16.41:15	
REPLAYS					— Car	Position — Car Speed	🖡 Faults 🛛 🗧 Alarms	Highel	harts.com
List									
i ABOUT									

Figure 122: REPLAY Panel - List [Car position and car speed]

5. Click on any point on the graph to view the Car Data at a specific instant.

NOTE: the data displayed will be that of the Floor Label, Position, Car Speed, Motion, Inputs & Outputs states.



	admin		Logout
\land SMARTRISE		CAR 1 2 3	3
ii parameter			
CAR CALLS	- Filter		
🗘 HALL CALLS	From date: mm/dd/yyyy 🗖	To Car Data	
© SYSTEM		Floor Label: 4 Position: 30' 0.216" Car Speed FPM: 0	500
\$ I/O		Inputs: [All inputs]	250 2
P PARKING	F:75: Car is out of service on flood operation. A:141: Pressed Car Call Button is secured. A:129: The flood switch has been activated.	Access Top UP Access Top DN Access Bot UP Access Bot DN Top Lock Middle Lock Bottom Lock Top Lock Middle Lock	
☆ DYNAMIC SECURITY		unused DO DC NDG Light Fan Travel UP Travel Dn Arrival UP Arrival Down	-250 16.40.20 16.40.30 16.40.50 16.41.10 16.41.20
SECURITY		ок	16.40.30
REPLAYS		- Car Position	- Car Speed Faults Aarms Highdant.com
List			
Configuration			
😩 USERS			
i ABOUT			

Figure 123: REPLAY Panel - List [Car data popup]

6. To view the Inputs status, click on All Inputs.

	admin									Logout
▲ SMARTRISE										
¦}† PARAMETER							>	<		
🛅 CAR CALLS		- Filter	10 🗸 entries p	er page		Search:				
🗘 HALL CALLS		From date: mm/dd/yyyy t	Index 🗍	Name	Code	+	State Active Low			
© SYSTEM		< EVENTS >	0	Access Top UP Access Top DN	enIN ATU enIN ATU)	•			500
\$ I/0		2024-05-18 04:40 PM	2	Access Bot UP	enIN ABI	J	•	F75		250
		F.75: Car is out of service on flood operation. A.141: Pressed Car Call Button is secured.	3	Access Bot DN	enIN ABI)	•	129)	$\int $	Speed
		A. 129; The flood switch has been activated.	4	Top Lock	enIN LTF		•	T	/~ L	0
			5	Middle Lock	enIN LM	-	•			-250
			6	Bottom Lock	enIN LBF		•	16:40:30 16:4	0:50 16:41:10 16:41:20	
			7	Top Lock	enIN LTR		•			
			8	Middle Lock	enIN LM	2	•	16:40:30		i i i i i i i i i i i i i i i i i i i
REPLAYS			9	Bottom Lock	enIN LBF	ł	•	Faults 🛛 🔵 Alarms		
List			Showing 1 to 10	of 214 entries	« (1	2 3	22 > »			lighcharts.com
Configuration										
LUSERS										
i ABOUT										

Figure 124: REPLAY Panel - List [All inputs statuses]

7. To view the Outputs status, click on All Outputs.



	admin										Logout
\land SMARTRISE											
								×			
		- Filter	10 v entries	per page		Search:					
🗘 HALL CALLS		From date: mm/dd/yyyy	Index 🔶	Name 🕴	Code	I State	Active Low				
a evetem		< FVFNTS >	0	unused	enOUT UNUSED	٠					=
W STOTLINI		272.110	1	DO	enOUT DO F	•					500
\$ I/O		2024-05-18 04:40 PM	2	DC	enOUT DC F	•			(F/B)		260
		F.75: Car is out of service on flood operation. A.141: Pressed Car Call Button is secured.	3	NDG	enOUT NDG F	•				<u>ر</u> م	Speed
P PARKING		A.129: The flood switch has been activated.	4	Light Fan	enOUT LIGHTFAN	•		1	29)	/ \	0
			5	Travel UP	enOUT TRV UP	•		.			-250
W DYNAMIC SECURITY			6	Travel Dn	enOUT TRV DN	•			1 1 16:40:30 16:40:50	1 1 16:41:10 16:41:20	
☺ SECURITY			7	Arrival UP	enOUT ARV UP F	•					
			8	Arrival Down	enOUT ARV DN F	•					
REPLAYS			9	Buzzer	enOUT BUZZER	•			aults 🛛 🔵 Alarms		
List			Showing 1 to 1	0 of 128 entries	« c 1	23	. 13 >	»			Highcharts.com
Configuration											
0) наста											
🛎 USERS											
i ABOUT											

Figure 125: REPLAY Panel - List [All outputs statuses]



NOTE: the user can zoom-in to view the events at shorter time intervals.

Figure 126: REPLAY Panel – List [Shorter time intervals]

8. To download and view the graph in full screen mode, click on the hamburger icon and select the download file type required.



	admin				Logout
🛆 SMARTRISE				CAR 1 2 3	
^{↓↓†} PARAMETER				CLEAR EVENTS	
🖽 CAR CALLS		- Filter			
🗘 HALL CALLS		From date: mm/dd/yyyy 📋	To date:	mm/dd/yyyy 🗅 APPLY CLEAR	
© SYSTEM				=	
≒ I/o		2024-05-18 04:40 PM	88k .	View in full screen Print chart Print char	
		F.75: Car is out of service on flood operation. A.141: Pressed Car Call Button is secured. A.129: The flood switch has been activated.	72k	Download PPEG image Download PPEG image Download PPEG document	
☆ DYNAMIC SECURITY			64k	250 16 40 00 16 40 10 16 40 15 16 40 20 16 40 25 16 40 30 16 40 40 16 40 50 16 41 10 16 41 10	
SECURITY				16.39.15 19.440.30 19.441.15	
REPLAYS			Ċ	- Car Position - Car Speed 🔶 Faults 🔶 Alarms	
List				ngorae a cor	
Configuration					
🕰 USERS					
i ABOUT					

Figure 127: REPLAY Panel- List [Download graph]

NOTE: for a group of cars, a single event, for a specific time interval, can record the same/different Fault(s)/Alarm(s) that have occurred on the cars.



Figure 128: REPLAY Panel – List [EVENTS: Multiple cars Q8]







Figure 129: REPLAY Panel – List [EVENTS: Multiple cars Q5]



15 USERS

The USERS panel permits the creation of a new user, the ability to change the password of the current logged-in user, and to display the list of users available on the system.

	admin		Logout
🛆 SMARTRISE			
		Username:	
¦↓† PARAMETER			
🖽 CAR CALLS		Password:	
♀ HALL CALLS			
SYSTEM		Password confirmation:	
\$ I/0		•	Þ
P PARKING		Register	
☆ DYNAMIC SECURITY			
• SECURITY			
🔐 USERS			
Create user			
All Users			
Change pass			
i ABOUT			



-	admin			Log	out
🛆 SMARTRISE					
		Username:			
¦↓† PARAMETER					
I CAR CALLS		Passwor 🚹 Please lengthen this text to 3 characters or more (you are currently using 1 character).			
🗘 HALL CALLS			۲		
© SYSTEM		Password confirmation:			
\$ I/0			۲		
P PARKING		Register			
☆ DYNAMIC SECURITY					
🖳 USERS					
Create user					
All Users					
Change pass					
i ABOUT					

Figure 131: USERS Panel - Create User USERNAME VALIDATION



🛆 SMARTRISE	admin		
		A user with that username abready exists. The two password fields diden match.	
¦↓† PARAMETER		Username:	
🖽 CAR CALLS			
🗘 HALL CALLS		Password:	
© SYSTEM			
\$ I/O		Password confirmation:	
P PARKING			
☆ DYNAMIC SECURITY		Register	
SECURITY			
A USERS			
Create user			
All Users			
Change pass			
i ABOUT			

Figure 132: USERS Panel - Create User PASSWORD VALIDATION



Figure 133: USERS Panel - All Users



🔕 SMARTRISE	admin Logout				
		New password.			
¦↓† PARAMETER		٠			
🖽 CAR CALLS		New password confirmation:			
🗘 HALL CALLS		•			
SYSTEM		Change password			
\$ I/O					
P PARKING					
☆ DYNAMIC SECURITY					
© SECURITY					
🔐 USERS					
Create user					
Change pass					
i ABOUT					





16 ABOUT

The ABOUT Panel displays the current software and validity of system files and database tables.

	admin		Logout
🛆 SMARTRISE			
		SYSTEMS VERSIONS Graphic User Interface : 01.19.63 C4 Middleware : 01.21.25	
⊥ A FAULTS		image: 1.13.03 C4 System Manager: 02.02.01	
		SYSTEMS FILES	
∮∮† PARAMETER		All system files are valid (Faults, Alarms, Parameters, IO) json files are valid Database tables are valid Confin File Name confin all Generic DAD, Joh (8 cars) Group 1 b	
🖽 CAR CALLS		Config File Upload Date: The Mar 5 07/30/06 EST 2024	
🗘 HALL CALLS		SYSTEMS INFO Start Sync Date: Tue Mar 5 07:27:32 EST 2024 Last Sync Date: Tue Mar 5 07:29:09 EST 2024	
© SYSTEM			
\$ I/0			
P PARKING			
☆ DYNAMIC SECURITY			
의 USERS			
i ABOUT			

Figure 135: ABOUT Panel: TRACTION JOB

	admin	Logout
\land SMARTRISE		
	SYSTEMS VERSIONS Graphic User Interface :01.19.63 C4 Middleware : 01.21.25 Shield : 1.24	
A FAULTS	Image : 1.13.03 C4 System Manager : 02.02.01	
	SYSTEMS FILES	
↓ † PARAMETER	An system mes are vanid (radius, Avaims, Parameters, IO) json files are valid Database tables are valid	
🖽 CAR CALLS	Config File Name: coming all_browed.obr_simplex.n Config File Upload Date: Tue Mar 5 09:29:54 EST 2024	
🗘 HALL CALLS	SYSTEMS INFO Start Sync Date: Tue Mar 5 07:27:32 EST 2024	
© SYSTEM	Last Sync Date: Lue Mar 5 07/29:09 EST 2024 SSID: Evolved_JobY_1868	
\$ I/O		
P PARKING		
☆ DYNAMIC SECURITY		
SECURITY		
AUSERS		
i ABOUT		

Figure 136: ABOUT Panel: HYDRO JOB

The table below lists the description of the ABOUT Panel.



Table 36: ABOUT Panel

Field	Description
SYSTEM VERSIONS	Displays current System Version
SYSTEM FILES	Displays validity of files and databases
SYSTEM INFO	Displays the start and end of the sync process along with the Wi-
	FiSSID



List of Abbreviations

- **COP** Car Operating Panel
- CT Car Top
- DAD Data Acquisition Device
- GUI Graphical User Interface
- HB Heartbeat
- LM Local Monitor
- MR Machine Room
- PI Position Indicator