C4 & HYDRO:EVOLVED



VERSION 1.0



Document History

Date	Version	Summary of Changes
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1 Local Monitoring Application

The Local Monitoring (LM) application allows authorized users to access one or more of their elevators from a computer. The application provides real-time tracking of elevators via a web browser, access reporting functions, and use command and control features.

The LM can handle multiple Groups on the same site.

The following web browsers are compatible with the LM application.

- Mozilla Firefox
- Google Chrome
- Microsoft Edge (Chrome Edition)



2 Features

The LM consists of an array of features.

The table below lists the features provided on the LM application.

Table 1: Features on LM Application

Module	Description	LM
View	Visually monitor one or more elevator groups in one of four different	Х
	Elevator Views:	
	- Small	
	- Compact	
	- Normal	
	- Tall	
	Perform a car call using the car call model, click on the available cars	
	in group/ bank.	
	Perform a hall call using the hall call model, click on the group.	
	The Monitoring module displays the following:	
	 Current Connection of Group/ Bank 	
	- Current Mode of Car	
	 Car animations for Current Floor 	
	 Car animations for Door State 	
	- Destination Floor	
	- Car Call Indicators	
	- Hall Call Indicators	
	- Direction Arrow Indicator	
Fault	Allows authorized users to monitor Fault details encountered per car	Х
	for several groups.	
	Records can be sorted and searched by:	
	- Fault Number	
	- Fault Name	
	- Description	
	- Solution	
	- Date & Time	
	View the details of each record, click on Action.	
	Delete all fault records for all groups and all cars, click Clear All	
	Faults.	



Module	Description	LM
Alarms	Allows authorized users to monitor Alarm details encountered per car	Х
	for several groups per contractors and sites.	
	Records can be sorted and searched by:	
	- Alarm Number	
	- Alarm Name	
	- Description	
	- Solution	
	- Date & Time	
	View the details of each record, click on Action.	
	Delete all Alarm records for all groups and all cars, click on Clear All	
	Alarms.	
Reports	Allows authorized users to view a summary of records related to	Х
	monitoring, faults, alarms, car calls, and hall calls per group.	
	Reports can be exported as pdf files.	
Car Calls	Allows authorized users to perform car calls per car for each group by	Х
	the Local Monitoring Module.	
Hall Calls	Allows authorized users to perform hall calls per group.	Х
Car Call Security	Allows authorized users to specify secured floors for car call per car	Х
	for each group.	
	Users can secure or unsecure floors individually or all at once.	
Hall Call Security	Allows authorized users to specify secured floors for hall call per	Х
	group.	
	Users can secure or unsecure floors individually or all at once.	
Dynamic Security	Allows authorized users to secure a door or an entry point. This	Х
	feature permits individuals to access cars that are "open" to them.	
	When active for a pre-set period of time, passengers cannot access	
	certain floors/doors/cars depending on the type of security activated.	
Manage	Allows authorized users to create/edit/delete users and roles.	Х
Settings	Allows authorized users to set configurations.	Х



3 Login Page

The Login Page requires user identification and authentication, prompting users for their Username and Password to access LM application. The user can toggle the visibility of the password using the eye icon in the password input field.



Figure 1: Login Page



4 Header

The Header consists of three key components:

- Hamburger Menu
- Toggle Dark/Light Theme
- User Account

E	Choose Theme: 🛛 🚺 🕻 🧕 Smartrise Admin

Figure 2: Header

4.1 Hamburger Menu

The Hamburger menu collapses the Navbar at the left of the screen, leaving only the informative icons displayed. When the user hovers the mouse over the Navbar menu, the labels are displayed again.





Figure 3: Collapsible Navbar



4.2 Toggle Dark/Light Theme

The Toggle Dark/Light Theme allows users to customize their navigation mode according to their own preferences. The idea behind dark theme is that it reduces the light emitted by the device while maintaining the minimum color-contrast ratio required for readability.



Figure 4: Dark Theme View

4.3 User Account

The User Account displays the username and email along with a Sign Out button to exit the application.



Figure 5: User Account



5 Navbar

The Navbar is displayed at the left side of the screen and expanded by default. It consists of a set of menu options to navigate through the application. A footnote of the application Version is included at the bottom of the Navbar.



Figure 6: Navbar – LM



6 View – Local Monitoring

In the LM application, the View module displays the current status of all monitored cars per group. A user can select one of four options to view the status from the Elevator View drop-down.

- Small
- Compact
- Normal
- Tall



Figure 7: Small View – LM



≡			Choose Theme: 🏶 🂽 🌜 🙆 Smartrise Admin
View All View			
Elevator View Compact	Select Group Generic Job (1)	v	
Generic Job (1) Online			
	Group Name Generic Job	Car Name Mode O Car1 Offline	Car Name Mode O Car2 Normal Mode
	Vertical Shaft	Current Floor Destination Floor Door State (F) Door State (R)	Current Floor Destination Floor 1
		Car Mane Mode Car3 Offline Current Floor Destination Floor Door State (F) Door State (R)	

Figure 8: Compact View – LM

=				Choose Theme: 🕏 🌘 C 🙆 Smatring	Admin
View					
All View					
Elevator View			s	Select Group	
Normal			~	Generic Job (1) 🗸	
Generic Job (1)	line				
denenejob (i) vo					
Group Calls	Car1 O	Car2 O Current Floor:	Car3 Current Flo		
	Mode: Offline	Mode: Normal Mode	Mode: Offline		
⇒ 20 ⇒	20	20	20	•	
	9 19 🔴	9 19 🌑	19	•	
	18	18	18	•	
\$ 17 \$	17	17	17	•	
\$ 16 \$	1 6	16	16	•	
	15	15	15	•	
⇒ 14 ≑	1 4	14	14	•	
	13	13	13	•	
	12	12	12	•	
	• 11 •	• 11 •	11	•	
	• 10 •	10	10	•	
♦ 9 ♦	9 9	9 9	9	•	
⇔ 8 ⇔	8	8	8	•	
♦ 7 ♦	• 7 •	• 7 •	0 7	•	
♦ 6 ♦	6	6 6	6	•	
\$ 5 \$	5 6	5 6	5	•	
\$ 4 \$	• 4 •	• 4 •	4	•	
⇔ 3 ⇔	• 3 •	3	3	•	
\$ 2 \$	2	2	2	•	
<u>^ 1</u> <u>^</u>	• 1 •	Ш 1 Ш	• 1	•	

Figure 9: Normal View – LM



				Choose Theme: 🏶 🜔 🕻	Smartrise Admin
View All View					
Elevator View			Select Group		
Tall			✓ Generic Jo	♥ (1) ♥	
Generic lob (1)	Online				
Group Calls	Current Floor:	Car2 Current Floor:	Car3 Urrent Floor:		
	Mode:	1 Mode:	Mode:		
20	Offline	Normal Mode	Offline		
-	-	- 20	-		
1	1	1	1		
16	16	16	16		
1	1	1.1	1		
			-		
11	11	11	11		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
1		1.1	1		
100 A.	100 A.		100 A		
6	6	6	6		
1.1	1	1.1	1		
1.	1.1.1				
1	1	ΠiΠ	1		

Figure 10: Tall View – LM

Cars are displayed per group in the form of models and color-coded based on their status.

- Green = Normal
- Gray = Offline
- Red = Out Of Service or Faulted
- Blue = Independent Service or Car To Lobby or Swing or Attendant or Active Shooter or Marshal Service
- Orange = Flood
- Black = Recall to Floor or Emergency Recall
- Yellow = Alarms

6.1 Group Model – LM

The Group Model consists of the Group Name, Group Status (color-coded), Hall Call Indicators, and Number of Cars. To perform a hall call using the hall call model, click on the group model.

Enter Hall Call consists of two sections:

- Front
- Rear

NOTE: The user can perform a hall call by clicking on a desired floor and tracking the nearest car's behavior.



≡			Choose Theme: 🐞 🌑 🍋 Smartrise Admin
View	Generic Job (1)	×	
All View	Enter Hall Call		
Small	Front	Rear	
Generic Job (1) Online	20 19 18 17 16 15 14 13 12 11 0 9 8 7 6 5 4 3 2 1 1 1 1 1 1	20 19 18 17 16 15 14 13 20 19 18 17 16 15 14 13 20 2 19 8 7 6 5 20 2 1 1 20 2 1 1 10 9 8 7 6 5 20 2 1 1 20 2 1	Current Destination

Figure 11: Enter Hall Call – LM

6.2 Car Model – LM

The Car Model consists of the Car Name, Status, Current Floor, Destination Floor, Door State, Car Call Indicators, and a Direction Arrow Indicator. To perform a car call using the car call model, click on the car model.

Enter Car Call consists of two sections:

- Front
- Rear

NOTE: If the Car does not have a front or rear door for certain floors, the floor will be omitted from the display in the Front or Rear section. The user can perform a car call by clicking on a desired floor and tracking the car's behavior.



			Choose Theme: 🏶 🌑 🍋 Smartrise Admin
View	Generic Job (1) - Car Car1	×	
All View	Enter Car Call Car Controls Door Controls Inputs Outputs	5	
Small	Front	Rear	
Generic lob (1) Online	Car Call	Car Call	
	18 19 20	18 19 20	
	15 16 17	15 16 17	Surrent
	12 13 14	12 13 14	
	9 10 11	9 10 11	Destination
	6 7 8	6 7 8	
	3 4 5	3 4 5	
	1 2	1 2	
		Done	

Figure 12: Enter Car Call – LM

Car Controls consists of two sections:

- **Section 1:** informs the user about the Car Number, Status (color-coded), Current Floor, Car Speed, and Door State.
- **Section 2:** includes a set of car controls lined with the Turn On switch.



=		Choose Theme: 🕸 🍋 🌜 🧕 Smartrise Adrr
View All View	Generic Job (1) - Car Car2 × Enter Car Call Car Centrols Door Controls Inputs Outputs	
Elevator View Small	Car Car2 Normal Mode	
Generic Job (1) Conine	Current Pion 2 Spend: 0 fpm Dor State (1) Current Current	
	Tum On Independent Service	
	Tum On Out Of service Tum On Car-To-Lobby	
	Turn On Attendant	
	Turn On Flood	
	Turn On Default Floor V Emergency Recall	
	Turn On Active Shooter Turn On Marshall Service	
	Dave	

Figure 13: Car Controls – LM

Door controls consists of two sections:

- **Section 1:** informs the user about the Car Number, Status (color-coded), Current Floor, Car Speed, and Door State.
- Section 2: includes a set of door controls with open and close switches.

≡		Choose Theme: 🌞 🌒 🌜 🧕 Smartrise Admin
View	Generic Job (1) - Car Car 1 ×	
All View	Enter Car Call Car Controls Inputs Outputs	
Elevator View		
Small	Car Car1 Normal Mode	
	Current Floor: 10	
Generic Job (1) Online	Speed: 0 fpm	
	Door State (F) Door State (R)	
		Current
	Open Front Door	
	Open Rear Door	-
	Close Close Front Door	
	Close Rear Door	
	Dane	

Figure 14: Door Controls – LM



Inputs:

The Inputs tab allows the user to keep track of the current states of the desired inputs.

- Green State: Input is active
- Red State: Input is inactive



Figure 15: Inputs – LM

Outputs:

The Outputs tab allows the user to keep track of the current states of the desired outputs.

- Green State: Input is active
- Red State: Input is inactive

Local Monitoring



		Choose Theme: 🌞 🌑 🌜 🧶 Smartrise Admin
View	Generic Job (1) - Car Car1 X	
All View	Enter Car Call Car Controls Inputs Outputs	
Elevator View Small	ACTIVE SHOOTER DOL Front DOL Rear	
	Done	
Generic Job (1) Online		
	Group Name Car1 O Car2 O Car3 Office	•
	(R) Destination (R) Destination (R)	Destination

Figure 16: Outputs – LM



7 Recent Faults List

In the LM application, the Recent Faults Module shows a list of faults for a selected car, per group. To view a list of faults for a car, click on the Car Number tab.

Records can be filtered and searched by:

- Fault Number
- Fault Name
- Description
- Solution
- Date & Time

The table below lists the main components for Faults.

Table 2: Main Components for Faults

Components	Position	Function
Search Bar	Top-Right	Browse through the faults of a selected car
Entries Drop-Down	Bottom-Left	Customize the listing display by adjusting the
		number of entries shown per page
Pagination Buttons	Bottom-Right	Seamlessly navigate through the listing
Clear All Faults	Top of Search Bar	Delete all fault records for all groups and all
		cars

≡									Choose Theme: 🏶 🌔 🄇	Smartrise Admi
Recent Fau	ılts List									
All Faults		,								
Select Grou	ip									
Generic	JOD (1)				`	Go Directly to Faults/Alarms Report				
Car1	Car2 Car3									
										Clear faults
									Search:	
Car	Fault No. 🚔	Fault Name	Description	Solution	Floor Label	Command Sneed CMD	Car Speed	Car Position	Date & Time -	Actions
Car2	75	Elood OOS	Carls out of ser	NA	1		o	0:0.00	2024-09-01 09:25:42	0
62	75	Flood COS	Car is out of ser	NA		0	0	0 0.00	2024-00-01-00-24-25	0
Carz	75	F1000 005	car is out of ser	Check the status		U	0	0 0.00	2024-08-01 06:24:25	•
Car2	912	OOS Keyswitch	The car has been		1	0	0	0' 0.00"	2024-08-01 08:21:29	•
Car2	252	CTB Param Sync	Parameters are sy	NA	1	0	0	0' 0.00"	2024-08-01 08:21:26	Ο
Car2	901	COPB Param Sync	Parameters are sy	NA	1	0	0	0' 0.00"	2024-08-01 08:21:26	0
Car2	251	CTA Param Sync	Parameters are sy	NA	1	0	0	0' 0.00"	2024-08-01 08:21:25	Θ
Car2	900	COPA Param Sync	Parameters are sy	NA	1	0	0	0' 0.00"	2024-08-01 08:21:25	Ο
Car2	250	MRB Param Sync	Parameters are sy	NA	1	0	0	0' 0.00"	2024-08-01 08:21:25	Ο
Car2	9	Speed Dev	Car speed has dev	Confirm system	4	499	349	33' 8.566"	2024-07-31 11:47:06	Ο
Car2	9	Speed Dev	Car speed has dev	Confirm system	4	-497	-348	26' 3.826"	2024-07-31 10:11:33	Θ
				an						
Show 10) v entries							Showing 1 t	to 10 of 25 entries Previous 1	2 3 Next





7.1 Fault Details

To view fault details, click on the View button under the Actions column. A pop-up window displays providing a one-sentence description of the fault as well as a solution for resolving it. Click on Done or [X] to close the pop-up.

Fau	lt 251 CTA Param	Sync	×
	Car:	Car1	
	Floor Label:	1	
	Command Speed CMD:	0	
	Car Speed:	0	
	Car Position:	9' 11.842"	
	Fault:	CTA Param Sync	
	Description:	Parameters are syncronizing.	
	Solution:	NA	
	Date & Time:	2024-08-01 08:58:19	
		Dor	e

Figure 18: Fault and Traction Loss Pop-up

7.2 Fault Reports

From the Recent Faults List, click on the Go Directly to Faults/Alarms Reports to access all recent faults. The Report Type is set by default to Faults/ Alarms History, which lists both faults and alarms.



=						Choose Theme: 🏶 🌔 🌜 🧕 Smartrise Admin
Reports Reports						<u>↑</u> Export
Group			Report Type			
Generic Job (1)		~	Faults/Alarms history	~		
Filter by T						
Туре			Date Range		Cars	
Faults		~	08/01/2024 12:00 AM - 08/01/2024	11:59 PM	All Cars	~
Select Floor						
Select floor		~	Clear Apply			
Faults History						
						Search:
Date & Time 👻	Car 🗢	Fault 🗢	Fault Name 🗢	Floor Label 🗢	Car Speed 🖨	Car Position
2024-08-01 08:58:19	Car1	251	CTA Param Sync	1	0	9' 11.842"
2024-08-01 08:58:19	Car1	252	CTB Param Sync	1	0	9' 11.842"
2024-08-01 08:58:19	Car1	901	COPB Param Sync	1	0	9' 11.842"
2024-08-01 08:26:43	Car2	75	Flood OOS	1	0	0' 0.00"
2024-08-01 08:24:25	Car2	75	Flood OOS	1	0	0' 0.00"
2024-08-01 08:21:29	Car2	912	OOS Keyswitch	1	0	0' 0.00"
2024-08-01 08:21:26	Car2	252	CTB Param Sync	1	0	0' 0.00"
2024-08-01 08:21:26	Car2	901	COPB Param Sync	1	0	0' 0.00"
2024-08-01 08:21:25	Car2	250	MRB Param Sync	1	0	0' 0.00"
2024-08-01 08:21:25	Car2	251	CTA Param Sync	1	0	0' 0.00"
Show 10 v entries						Showing 1 to 10 of 11 entries Previous 1 2 Next

Figure 19: Reports - Faults History

For a description of all possible faults within the system, select Faults/Alarms Definition from the Report Type drop-down list and click View Report to view a list of all faults. Faults are sorted by Fault Number by default.

		Choose Theme: 🏶 🌑 🕻 🔮 Smartrise Admin
Reports Reports		1_Export
Group Generic Job (1)	Report Type Faults/Alarms Definition v	
Filter by T Type by T Faults V Clear Apply		
Faults Definition		Search
Fault No. *	Fault Name 🕈	Actions
0	No Fault	0
1	Governor	0
2	Governor (L)	0
3	EB1 Drop	0
4	EB1 Drop (L)	0
5	Unintended Move	0
6	Unintended Move (L)	0
7	Traction Loss	0
8	Traction Loss (L)	0
9	Speed Dev	0
Show 10 v entries		Showing 1 to 10 of 1,100 entries Previous 1 2 3 4 5 110 Next





To view Fault Details, click on the View button under the Actions column for that fault. A pop-up window displays providing a general fault summary. Click on Done or [X] to close the pop-up.

Faults 1 Governo	r	×
Faults Summary:	Governor Governor safety input is currently low	
Causes:	Governor safety input is currently low.	
Remedies:	Check wiring and safety contacts.	
		Done

Figure 21: Reports – Fault Details Pop-up

A track record of all occurred faults are likewise recorded by the system. To export the report as a PDF, click the Export button on the Reports screen.



Fault No.	Fault Name	
0	No Fault	
1	Governor	
2	Governor (L)	
3	EB1 Drop	
4	EB1 Drop (L)	
5	Unintended Move	
6	Unintended Move (L)	
7	Traction Loss	
8	Traction Loss (L)	
9	Speed Dev	
10	IC Stop Sw	
11	Redun LBB	
12	Redun LDM	
13	Redun I DT	
14	Redun LER	
15	Redun LEM	
12	Redun, LFM	
10	Redun, LFT Redun, ATU	
10	Redun, ATD	
10	Redun, ATU Dadum, ADU	
19	Redun, ABD	
20	Redun, ABD Redun, Car Bun	
21	Reduit. Car Byp	
22	Redun. HA Byp	
23	Redun, MM	
24	Redun. SFM	
25	Redun. SFH	
26	Redun. PH	
27	Redun. IP Insp	
28	Redun. MR Insp	
29	Redun. IL Insp	
30	Redun. C EB2	
31	Redun. C SFM	
32	Redun. M EB2	
33	Redun. M SFM	
34	Redun. M EB3	
35	Redun. M EB1	
36	Redun. M SFP	
37	Redun. C EB3	
38	Redun. C EB1	
39	Redun. C SFP	
40	Redun. GSWR	
41	Redun. GSWF	
42	Redun. CT Insp	
43	Redun. CT Stop Sw	
44	Redun, Esc Hatch	

Figure 22: Faults Definition – Report

Faults History

Selected Group: Generic Job (1) Date Range: 08/01/2024 12:00 AM - 08/01/2024 11:59 PM Selected Car: All Cars

Date & Time	Car	Fault	Fault Name	Floor Label	Car Speed	Car Position
2024-08-01 08:58:19	Car1	251	CTA Param Sync	1	0	9' 11.842"
2024-08-01 08:58:19	Car1	252	CTB Param Sync	1	0	9' 11.842"
2024-08-01 08:58:19	Car1	901	COPB Param Sync	1	0	9' 11.842"
2024-08-01 08:26:43	Car2	75	Flood OOS	1	0	0' 0.00"
2024-08-01 08:24:25	Car2	75	Flood OOS	1	0	0' 0.00"
2024-08-01 08:21:29	Car2	912	00S Keyswitch	1	0	0' 0.00"
2024-08-01 08:21:26	Car2	252	CTB Param Sync	1	0	0' 0.00"
2024-08-01 08:21:26	Car2	901	COPB Param Sync	1	0	0' 0.00"
2024-08-01 08:21:25	Car2	250	MRB Param Sync	1	0	0' 0.00"
2024-08-01 08:21:25	Car2	251	CTA Param Sync	1	0	0' 0.00"
2024-08-01 08:21:25	Car2	900	COPA Param Sync	1	0	0' 0.00"

Figure 23: Faults History - Report



8 Recent Alarms

In the LM application, the Recent Alarms Module shows a list of alarms for a selected car, per group. To view a list of alarms for a car, click on the Car Number tab.

Records can be filtered and searched by:

- Alarm Number
- Alarm Name
- Description
- Solution
- Date & Time

The table below lists the main components for Alarms.

Table 3: Main Components for Alarms

Components	Position	Function
Search Bar	Top-Right	Browse through the alarms of a selected car
Entries Drop-Down	Bottom-Left	Customize the listing display by adjusting the
		number of entries shown per page
Pagination Buttons	Bottom-Right	Seamlessly navigate through the listing
Clear All Alarms	Top of Search Bar	Delete all alarm records for all groups and all
		cars

≡								Choo	ise Theme: 🌸 🔵 🕻	Smartrise Admin
Recent Ala All Alarms	rms List									
Select Grou Generic	p Job (1)				~	A Go Directly to Faults/Alarms Report				
Car1	Car2 Car3									
										🗑 Clear alarms
									Search:	
Car 🖨	Alarm No. 🖨	Alarm Name 🗢	Description 🖨	Solution 🖨	Floor Label 🗢	Command Speed CMD 🖨	Car Speed 🗢	Car Position	Date & Time 👻	Actions
Car1	621	Car Offline 2	NA	NA	2	0	0	9' 11.842"	2024-08-01 08:58:29	0
Show 10	✓ entries							Showin	g 1 to 1 of 1 entries Previo	ous 1 Next

Figure 24: Recent Alarms Module – LM



8.1 Alarm Details

To view alarm details, click on the View button under the Actions column in the Recent Alarms Listing table. A pop-up window displays a one-sentence description of the alarm as well as a solution, if applicable, for a resolution. Click on Done or [X] to close the pop-up.

Ala	arm 621 Car Offlin	e 2	×
	Car:	Car1	
	Floor Label:	2	
	Command Speed CMD:	0	
	Car Speed:	0	
	Car Position:	9' 11.842"	
	Alarm:	Car Offline 2	
	Description:	NA	
	Solution:	NA	
	Date & Time:	2024-08-01 08:58:29	
		Do	ne

Figure 25: Alarm Details Pop-up

8.2 Alarm Reports

A track record of all occurred alarms are likewise recorded by the system. Select Faults/Alarms History from the Record Type drop-down list and filter by Type (= Alarms), Date Range, and Cars. The report generated displays the alarms that have occurred over a selected time-period for a designated car(s).



=						Choose Theme: 🎄 🔵 🕻	Smartrise Admin
Reports Reports							<u>↑</u> Export
Group Generic Job (1)		~	Report Type Faults/Alarms history	~			
Filter by T			Dub Dura:				
Alarms		~	08/01/2024 12:00 AM - 08/01/2024 11:59 PM		All Cars		~
Select Floor					1.0.000		
Select floor		~	Clear Apply				
Alarm History						Search:	
Date & Time 👻 😽	Car 🖨	Alarm 🖨	Alarm Name 🗢	Floor Label 🗢	Car Speed 🗢	Car Position	
2024-08-01 08:58:29	Car1	621	Car Offline 2	2	0	9' 11.842"	
2024-08-01 08:26:42	Car2	129	Flood Switch	1	0	0' 0.00"	
2024-08-01 08:24:22	Car2	129	Flood Switch	1	0	0' 0.00"	
2024-08-01 06:40:25	Car2	1447	Shield COM RPi	1	0	0' 0.00"	
2024-08-01 04:33:30	Car2	1447	Shield COM RPi	1	0	0' 0.00"	
Show 10 v entries						Showing 1 to 5 of 5 entries Prev	rious 1 Next

Figure 26: Reports – Alarm History

To export the report as a PDF, click the Export button on the Reports screen.

Alarms History							
Selected Group: Generic Job (1) Date Range: 08/01/2024 12:00 AM - 08/01/2024 11:59 PM Selected Car: All Cars							
Date & Time	Car	Alarm	Alarm Name	Floor Label	Car Speed	Car Position	
2024-08-01 08:58:29	Car1	621	Car Offline 2	2	0	9' 11.842"	
2024-08-01 08:26:42	Car2	129	Flood Switch	1	0	0' 0.00"	
2024-08-01 08:24:22	Car2	129	Flood Switch	1	0	0' 0.00"	
2024-08-01 06:40:25	Car2	1447	Shield COM RPi	1	0	0' 0.00"	
2024-08-01 04:33:30	Car2	1447	Shield COM RPi	1	0	0' 0.00"	

Figure 27: Alarm History - Report



The Reports Module shows a description of all possible alarms within the system. To view the list of alarms, select Faults/Alarms Definition from the Report Type drop-down list. Then from the Filter by drop-down list select Alarms.

=		Choose Theme: 🏶 🌑 🌜 🔮 Smartrise Admin
Reports Reports		1 bport
Group Generic Job (1)	Report Type v Faults/Alarms Definition v	
Filter by * Type Type Alerns Clear Ap Faults Definition	aby	
Such Ma	Ende Manuel 🔺	Search:
тами но 0	rouit rouit	ALIMB O
1	Governor	0
2	Governor (L)	٥
3	EB1 Drop	ø
4	EB1 Drop (L)	ø
5	Unintended Move	ø
6	Unintended Move (L)	ø
7	Traction Loss	Ø
8	Traction Loss (L)	©
9	Speed Dev	ø
Show 10 v entries		Showing 1 to 10 of 1,100 entries Previous 1 2 3 4 5 110 Next

Figure 28: Reports – Alarm Definition

To view Alarm Details, click on the View button under the Actions column for that alarm. A pop-up window displays providing a general alarm summary. Click on Done or [X] to close the pop-up.

Alarms	NTS Up P1-2
Summary:	NTS point 2 has been tripped in the up direction for the normal motion profile. The lowest point is closest to the terminal.
Causes:	NTS point 2 has been tripped in the up direction for the normal motion profile. The lowest point is closest to the terminal.
Remedies:	NA

Figure 29: Reports – Alarm Details

9 Reports

The Reports Module allows for selecting a type of report to view.

The table below lists the reports that can be generated with their corresponding filters.

Report Name	Filter
Car Calls by Floor	Filtered by Date and Time range
Car Calls by Time of Day	Filtered by Date range
Car Use	Filtered by Date range and Cars
Door Times	Filtered by Date range and Floors
Faults/Alarms Definition	Filtered by Record Type
Faults/Alarms History	Filtered by Record Type, Date and Time range, and Cars.
	Records can be searched by the details available.
Floor to Floor Times	Filtered by Date range and Floors
Hall Calls by Floor	Filtered by Date and Time range
Hall Calls by Time of Day	Filtered by Date range
Out of Service List	Filtered by Date and Time range and Cars
In-Service Overview	Filtered by Date range
Program Events	Filtered by Date and Time range and Event Type
Wait Times – Average by Floor	Filtered by Date and Time range
Wait Times – Average by time of day	Filtered by Date range
Wait Times – Distribution by Wait Time	Filtered by Date and Time range
Wait Times – Distribution by Time of Day	Filtered by Date range
for Down Calls	
Wait times – Distribution by Time of day for	Filtered by Date range
Up Calls	
Wait Times – Longest (max)	Filtered by Date and Time range. Records can be
	searched and sorted by the details available.

Table 4: Reports Generated



10 Car Calls

The Car Calls Module provides a simulation of a car call - for all online cars.

10.1 Enter Car Calls

Only the floors that are shown in grey are available for car calls. In the LM application, to make a car call, click on an online car from the Car Number tab > Enter Car Calls > Select Floor Number [that is not secured/locked]. Once selected, the button's color changes to a solid blue.

=			Choose Theme: 🐞 🔵 🕻 🗶 :	Smartrise Admin
Enter Car Calls Car Calls				
Select Group Generic Job (1)				
Car1 Car2 Car3				
Car1 Online				
Enter Car Calls Car Controls Door Controls Inputs	Outputs			
	Front	Rear	ır	
18	19 20	18 19	9 20	
15	16 17	15 16	6 17	
12	13 14	12 13	3 14	
9	10 11	9 10	0 11	
6	7 8	6 7	7 8	
3	4 5	3 4	4 5	
	1 2	1	1 2	

Figure 30: Enter Car Calls – LM



≡	Choose Theme: 🏶 🔵 🌜 🧕 Smartrise Admin
Enter Car Calls Car Calls	
Select Group	
Generic Job (1)	
Car1 Car2 Car3	
Car1 Online	
Enter Car Cails Car Controls Door Controls Inputs Outputs	
Front	Rear
18 19 20	18 19 20
15 16 17	15 16 17
12 13 14	12 13 14
9 10 11	9 10 11
6 7 8	6 7 8
3 4 5	3 4 5
	1 2

Figure 31: Enter Car Call – Floor Selected – LM

10.2 Car Controls

Car Controls consists of two sections.

- **Section 1:** displays the Car Label, Status (color-coded), Current Floor, Car Speed, and Door State. The Door State can be shown as either open or closed.
- Section 2: includes a set of car controls lined with the Turn On switch. To enable or disable a service, click on the Turn On button next to it. If the "Independent Service" control is enabled, the Door State shows as closed.

To turn on or off a service, click on the button next to the service.



₽	Choose Theme: 🌞 💽 🐛 🎒 Smartrise Admin
Enter Car Calls Car Calls	
Select Group Generic Job (1)	
Cart Car3	
Carl @Online	
Enter Car Calls Car Controls Inputs Outputs	
Car Carl Normal	
Speed: 0 fpm	
Dear State (7) Dear State (8)	
Turn On Car Returns to Normal	
Turm On Out Of service	
Turn On Independent Service	
Tum On Cw-To-Lobby	
Turn On Swing	
Turm On Attendant	
Tum On Rood	
Turn On Normal Recall	
Tum On Default-Roor V Emergency Recall	
Turm On Active Shoozer	
Tum On Marshal Service	

Figure 32: Car Control – LM

Only one type of control can be turned On or Off. The rest of the controls are not available to be selected.

=			Choose Theme: 🐞 🔵 🚺	Smartrise Admin
Enter Car Calls Car Calis				
Select Group Generic Job (1)				
Car1 Car2 Car3				
Car1 @Online				
Enter Car Calls Car Controls Door Controls Inputs Outputs				
Car Car1 Independent Service Current Floor: 10				
Speed: 0 fpm				
All Off Car Returns to Normal				
Turm-On Out Of service				
Tum Off Independent Service				
Turn On Car-To-Lobby				
Turn-On Swing				
Turn-On Attendant				
Tum-On Flood				
Turn-On Normal Recall				
Turn On Default Floor V Emergency Recall				
Tum On Active Shooter				
Turn-On Marshal Service				

Figure 33: Car Control – Service is Off – LM



10.3 Door Controls

Door Controls consists of two sections:

- Section 1: informs the user about the Car Number, Status (color-coded), Current Floor, Car Speed, and Door State.
- **Section 2:** includes a set of door controls with open and close switches.

≡	Choose Theme: 🐞 🔵 🕻	Smartrise Admin
Enter Car Calls Car Calls		
Select Group Generic Job (1)		
Car1 Car2 Car3		
Car1 Online		
Enter Car Calls Car Controls Inputs Outputs		
Car Car1 Normal Current Floor: 10 Speed: 0 fpm Door State (F) Door State (R)		
Open Open Front Door		
Open Rear Door		
Close Front Door		
Close Close Rear Door		

Figure 34: Door Controls – LM

10.4 Inputs

The Inputs tab allows the user to keep track of the current states of the desired inputs.

- Green State: Input is active
- Red State: Input is inactive



=			Choose Theme: 🏶 🚺 🌜 🕘 Smartrise Admin
Enter Car Calls Car Calls			
Select Group Generic Job (1)			
Car1 Car2 Car3			
Car1 Online			
Enter Car Calls Car Controls Door Controls Inputs	Outputs		
Active Shooter	DOB Front	ODB Rear	

Figure 35: Inputs – LM

10.5 Outputs

The Outputs tab allows the user to keep track of the current states of the desired outputs.

- Green State: Input is active
- Red State: Input is inactive



=			Choose Theme: 🏶 🔵 🕻	Smartrise Admin
Enter Car Calls ^{Car Calls}				
Select Group Generic Job (1)				
Car1 Car2 Car3				
Car1 Online				
Enter Car Calls Car Controls Door Controls Inputs	Outputs			
ACTIVE SHOOTER	DOL Front	OL Rear		

Figure 36: Outputs – LM



11 Hall Calls

The Hall Calls Module allows for simulating a hall call.

In the LM application, select the Group from the drop-down list. Hall calls can be made by clicking on the button that refers to a floor and direction. When the button is clicked, the controller logs the hall call in the designated direction. If there are existing hall calls in the system, the corresponding button that refers to a floor and direction is activated. Buttons are separated in two sections, Front and Rear. If there is no Rear door for the car, only the Front section is displayed.

=			Choose Theme: 🕸 🔵 🍋 🌒 Smartrise Admin
Enter Hall Calls Hall Calls			
Select Group Generic Job (1)	v		
Generic Job (1)			
20 19 18 77 16 15 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Front 14 13 12 11 10 9 8 0 0 0 0 0 0 0 0 0 0 0 0 0	20 19 18 17 16 15 14 13 7 6 5 4 3 2 1	

Figure 37: Multiple Hall Calls – LM



=	Choose Theme: 🏶 🂽 🌜 🧕 Smartrise Admin
Enter Hall Calls Hall Calls	
Select Group	
Generic Job (1)	
Generic Job (1)	
Pront 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 7 6 5 4 3 2 1	Rear 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Figure 38: Hall Calls – Secured Floors – LM



12 Car Call Security

To secure/unsecure a floor per car, the user should click on the desired floor/button.

=	Choose Theme: 🏶 🌔 🐛 🤱 Smartrise Admin
Car Calls Security Security	
Select Group Generic Job (1)	
Car1 Car2 Car3	
Car1 Online	
	Click on a button to Secure/Unsecure a Floor
Front	Rear
18 19 20	18 19 20
15 16 17	15 16 17
12 13 14	12 13 14
9 10 11	9 10 11
6 7 8	6 7 8
3 4 5	3 4 5
1 2	1 2

Figure 39: Car Call Security - Secure/Unsecure Floors [part 1 of 2] - LM

=				Choose Theme: 🏶 🌔 🕻	Smartrise Admin
Car Calls Security Security					
Select Group Generic Job (1)					
Car1 Car2 Car3					
Car1 Online					
		Click on a button to Secure/Unsecure a Floor			
Front			Rear		
18 19	20		18 19	20	
15 16	17		15 16	17	
12 13	14		12 13	14	
9 10	11		9 10	11	
6 7	8		6 7	8	
	E				
3 4	5		3 4	5	
1	2		1	2	





13 Hall Call Security

≡				Choose Theme: 🐞 🔵 🕻 (Smartrise Admin
Hall Calls Security hallcallsecurity					
Select Group					
Generic Job (1)					
Generic Job (1)					
		Click on a button to Secure/Unsecure a Floor			
	Front		Rear		
18	19 20		18 19 2	0	
15	16 17		15 16 1	7	
12	13 14		12 13 1.	4	
9	10 11		9 10 1	1	
6	7 8		6 7 8	3	
3	4 5		3 4 5	5	
	1 2		1 2	2	
		Secure All Floors Unsecure All Floors			

In this section, the user can secure/unsecure all hall floors per group.

Figure 41: Hall Call Security - Secure/Unsecure all Floors [part 1 of 2] - LM

=					Choose Theme: 🐞 🔵 🌘	Smartrise Admin
Hall Calls Security hallcallsecurity						
Select Group						
Generic Job (1)	,					
Generic Job (1)						
		Click on a button to Secure/Unsecure a Floor				
	Front			Poor		
18	19 20		18	19	20	
15	16 17		15	16	17	
12	13 14		12	13	14	
9	10 11		9	10	11	
6	7 8		6	7	8	
3	4 5		3	4	5	
	1 2			1	2	
		Secure All Floors Unsecure All Floors				

Figure 42: Hall Call Security - Secure/Unsecure all Floors [part 2 of 2] – LM



14 Dynamic Security

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

NOTE: the Rules displayed here are the Rules created from GUI and the LM.

See the C4 & Hydro Evolved GUI Manual for more information.

=	Choose Theme: 🏶 🔵 🌜 🧶 Smartrise Admin
Dynamic Security Dynamic Security	O Create Rule
Select Group Generic Job (1)	
List of Security Rules:	
R1 - monday from 00 AM to 01 AM	🗹 🧰 activate 📿
R2 - thursday from 01 PM to 02 PM	🗹 🛅 activate 📿
R3 - everyday from 00 AM to 11:59 PM	🕑 🧰 activate 💶

Figure 43: Dynamic Security [part 1 of 3] – LM



=	Choose Theme: 🏶 🔵 🕻	Smartrise Admin
Dynamic Security Dynamic Security		⊖ Create Rule
Select Group		
Generic Job (1) 🗸		
List of Security Rules:		
R1 - monday from 00 AM to 01 AM	ß	🛅 activate 🔵
Day: monday		
Start Time: 00 AM		
Hall Calls :		
- Front floors: All floors - Rear floors: All floors		
Car Calls: Car1 - Front floors: All floors - Rear floors: All floors		
Car2 - Front floors: All floors - Rear floors: All floors		
Car3 - Front floors: All floors - Rear floors: All floors		
R2 - thursday from 01 PM to 02 PM	۲ ۲	🛅 activate 🔵
R3 - everyday from 00 AM to 11:59 PM	C C	💼 activate 🔵

Figure 44: Dynamic Security [part 2 of 3] – LM

=	Choose Theme: 🌞 🌔 🌜 🧕 Smartrise Admin
Dynamic Security Dynamic Security	⊖ Create Rule
Select Group Generic Job (1)	
List of Security Rules:	
R1 - monday from 00 AM to 01 AM	🖄 🧰 activate 💶
R2 - thursday from 01 PM to 02 PM	🕑 🧰 activate 💶
R3 - everyday from 00 AM to 11:59 PM	📝 🛅 deactivate 💶 🔾
Day: everyday Start Time: 00 AM End Time: 11:59 PM Hall Calls: - - Front floors:: 1. Rear floors:: Car Calls: - Carl - Front floors: 3 - Rear floors: Car2 - Ca	
Car3 - Front floors: 3, 4, 5 - Rear floors: 2, 3, 4	

Figure 45: Dynamic Security [part 3 of 3] – LM



15 Manage – LM

In the LM application, the Manage Module allows administrators to coordinate users and roles in the system. This section lists details for each submodule.

15.1 Users

Each user is enrolled into the system and assigned a role. Users are logged into the system to execute granted tasks within the role that has been assigned to them. Users can be sorted by clicking on the Sorting Arrow. Columns can be filtered by selecting either a type of Role and/or Status from the drop-down list.

=							Choose Theme: 🌸 🔵	🤇 🧕 Smar	trise Admin
U: All	Sers Users							0	Add User
	Filter by T						Search:		Q
	ID 🔺	Username 🖨	First Name 🗢	Last Name 🗢	Email 🖨	Role 🖨	Status 🗢	Actions	
	1	admin	Smartrise	Admin	admin@smartrise.com	Smartrise Admin	Active		
	2	UserAdmin	User	Admin	useradmin@smartrise	User Admin	Active	1	
	3	user	user	smartrise	user@smartriseLM.com	User	Active	/ •	
	4	service	admin	smartrise	serviceadmin@smartr	Servicing Admin	Active	1	
	5	site	admin	smartrise	site@smartriseLM.com	Site Admin	Active	× •	
	Show 10 v er	ntries					Showing 1 to 5 of 5 entries	Previous 1	Next

Figure 46: Manage Users – LM

15.1.1 Add User

To add a new user click on the Add User button. The Add User screen is displayed, prompting for the new user's basic information.

- First Name
- Last Name
- Email Address
- Contact Number
- Status: whether Active or Inactive (checkmark corresponds to Active).
- Username



- Password: has to meet uppercase, number, special characters, and length criteria.

≡	Choose Theme: 🏶 🔵 🌜 Smartrise Admin
Add User All Users / Add Users	
Fill in the appropriate white spaces below. Essential information is mark with an asterisk (*) Basic Info First Name: * First Name Last Name: * Last Name	
Email Address * Email Address Contact Number: * Contact Number	
Status Status Active Login Username: *	
Username Password:* Password	Your password must include: 1 LowerCase Letter 1 Uppercase letter 1 Number 1 Special charactet(% & _ ? # = - 5 @)
	8-16 Characters O Cancel 😂 Save

Figure 47: Add User – LM

When completed, click on the Save button. Upon successful submission, A pop-up displays informing the Administrator that the new user has been created successfully.



Figure 48: Users created successfully! Pop-Up

Click OK, the Edit User screen is displayed and consists of two sections.

- **Section 1:** represents an identity card of the newly added user and the information submitted in the Add User screen.
- Section 2: consists of a drop-down list including the different role options.

Each user must be assigned a role. Select the role of the user by clicking on the Roles drop-down list.



≡			Choose Theme: 🏟 🔵 🕻	Smart	rise Admin
Edit User All Users / Edit User					
Username: user1				E	dit Info
Name: Email Address: Contact Number: Status	FN LN test.test@hotmail.com 001122557799 Active				
Roles					
Roles - Select -	✓ Refresh				
				O Cancel	Save 3

Figure 49: Edit User – Landing Page – LM

When completed, click on the Save button. A pop-up displays informing that the User role has been updated successfully.



Figure 50: User role updated successfully! Pop-Up

The user has now been added to the Users Listing.

15.1.2 Edit User

There are two ways to Edit a user's information.

- When the user is being added to the system (via the Edit Info button)
- From the Users Listing (via the Edit button under Actions)



≡						Choose Theme: 🌞	🔵 🕻 🧶 sn	nartrise Admin
Edi All U	t User sers / Edit User							
	Username: user1							Edit Info
	Name: Email Address: Contact Number: Status	FN LN test.test@hotmall.con 001122557799 Active	1					
	Roles		/					
	Roles - Select - - Select - Smartrise Admin		Refresh					
	Servicing Admin Site Admin User Admin User						O Cancel	🖺 Save

Figure 51: Edit User Method 1 – Edit Info Button – LM

≡							Choose Theme	* 💓 🕻	Smart	irise Admin
U: All	Sers Users								O	Add User
	Filter by T						Search:			Q
	ID 🔺	Username 🖨	First Name 🗢	Last Name 🗢	Email 🖨	Role 🗢	Status 🖨		Actions	
	1	admin	Smartrise	Admin	admin@smartrise.com	Smartrise Admin	Active			
	2	UserAdmin	User	Admin	useradmin@smartrise	User Admin	Active		/ =	
	3	user	user	smartrise	user@smartriseLM.com	User	Active		/ #	
	4	service	admin	smartrise	serviceadmin@smartr	Servicing Admin	Active		/ =	
	5	site	admin	smartrise	site@smartriseLM.com	Site Admin	Active		/ =	
	7	user2	First	Last	test.test@hotmail.c	User	Active		/ #	
	Show 10 v e	entries					Showing 1 to 6 c	f 6 entries Previo	ous 1	Next

Figure 52: Edit User Method 2 – Edit Under Actions – LM

When clicked, the user is redirected to the Edit User Info screen.

NOTE: all users can be edited except for the Smartrise Admin users.



≡			Choose Theme: 🏶 🔵	C 🧕 Smar	rtrise Admin
Edit User All Users / Edit User					
Username: user2					Edit Info
Name: Email Address: Contact Number: Status	First Last test.test@hotmail.com 001122557799 Active				
Roles					
Roles User	✓ Refresh				
				O Cancel	🖺 Save

Figure 53: Edit User Info (I) – LM

≡	Choose Theme: 🏶 🔵 🌘	Smartrise Admin
Edit User Info All Users / Edit User Details		
Fill in the appropriate white spaces below. Essential information is mark with an asterisk (*) Basic Info		
First Name: *		
First		
Last Name: *		
Last		
Email Address: *		
test.test@hotmail.com		
Contact Number: *		
001122557799		
Status		
✓ Active		
Login		
Username: *		
user2		
Reset Password		
		© Cancel В Save

Figure 54: Edit User Info (II) – LM

When completed, click on the Save button. A pop-up displays informing that the user information has been updated successfully.





Figure 55: User updated successfully! Pop-Up

15.1.3 Delete User

Users have the option to delete users.

=						Choose The	me: 🏶 🔵 🍋 🧕 Smartrise Admin
Users All Users							O Add User
Filter by T						Search:	٩
ID 🔺	Username 🖨	First Name 🗢	Last Name 🗢	Email 🖨	Role 🗢	Status 🖨	Actions
1	admin	Smartrise	Admin	admin@smartrise.com	Smartrise Admin	Active	
2	UserAdmin	User	Admin	useradmin@smartrise	User Admin	Active	× •
3	user	user	smartrise	user@smartriseLM.com	User	Active	2 B
4	service	admin	smartrise	serviceadmin@smartr	Servicing Admin	Active	× •
5	site	admin	smartrise	site@smartriseLM.com	Site Admin	Active	× •
7	user2	First	Last	test.test@hotmail.c	User	Active	Z #
Show 10	✓ entries					Showing 1 to 6	6 of 6 entries Previous 1 Next

Figure 56: Delete Users – LM

NOTE: all users can be edited and deleted except for Smartrise Admin users.





Figure 57: Delete Users - Confirmation – LM

15.2 Roles

The role defines the user's permissions within the system. It is the authorization given to users that enables them to access specific resources. User permissions also designate the type of access; for example, read-only only allows for data to be viewed, read-write allows for data to be viewed and updated. Roles are assigned to grant users access to the functions required to execute a task. The predefined roles that can be assigned are as follows:

- Smartrise Admin
- Servicing Admin
- User Admin
- Missing Site Admin



=				Choose Theme: 🐞 🔵 🍋 🌜 Smartrise Admin
Rol All R	es oles			© Add Role
				Search:
	Role Name 👻	Description 🗢	Date Created 🗢	Actions
	User Admin		07/15/2024	× •
	User		07/15/2024	× •
	Smartrise Admin		07/15/2024	
	Site Admin		07/15/2024	× •
	Servicing Admin		07/15/2024	× •
	Show 10 + entries			Showing 1 to 5 of 5 entries Previous 1 Next

Figure 58: Manage Roles – LM

15.2.1 Add Role

To add a new role, click on the Add Role button from the Manage Roles screen. The Add Role screen is displayed, prompting for new role's basic information.

- Role Name
- Description: while optional, a short description of the role can be useful in conveying an idea of what the role entails.

After the role name and description has been entered, click on Permissions collapsible label to expand a wide collection of permissions to select from. For example, if the **View** check box is selected, all its subtasks are automatically selected.

Local Monitoring



=	Choose Theme: 🐞 🌔 🌾 🕘 Smartrise Admin
Add Role All Roles / Add Role	
Fill in the appropriate white spaces below. Essential information is mark with an asterisk (*) Basic Info	
Role Name: *	
Description	
> Permissions	
	© Cancel tel Save

Figure 59: Add Role – LM [part 1 of 3]

≡			Choose Theme: 🏶 🌑 🇯 🧶 Smartrise Admin
Add Role All Roles / Add Role			
Fill in the appropriate white spaces below Basic Info Role Name: *	\boldsymbol{w} . Essential information is mark with an asterisk (*)		
Description			
 Permissions 			
Roles	Users	RecentAlarmsList	RecentFaultsList
Role.Create	User.Create	Alarm.View	Fault-View
Role.List	User.Edit	Alarm.List	Fault.List
Role.Delete	User.View	Alarm.Clear	Fault.Clear
Role.Edit	Role.Assign		
	Password.Reset		
	User.Delete		
CarCalls	HallCalls	View	Reports
CarCall.View	HallCall.View	ElevatorView.Small	Report.View
CarCall.Control	HallCall.Control	ElevatorView.Normal	Report.Export
		ElevatorView.Tall	
		ElevatorView.Compact	
		HallCallsControls.Allow	

Figure 60: Add Role – LM [part 2 of 3]



=				Choose Theme: 🏶 🌔 🌜 🧕 Smartrise Admin
		CarCalisControls.Allow		
Controls	Security		Settings	
Control.List	Security.Show		Settings.Group-config	
Control.IndependentService			Settings.LM-config	
Control.CarToLobby			Settings.Site-id-config	
Control.CaptureCar			Settings.Logs	
Control.Swing			Settings.RTC	
Control.Attendant				
Control.Sabbath				
Control.SabbathSettings				
Control.Flood				
Control.NormalRecall				
Control.EmergencyRecall				
Control.ActiveShooter				
Control.MarshalService				
Group.EmergencyPowerManualCarSelection				
Group.GroupReturnsToNormal				
Control.CarsReturnToNormal				
Settings.SpecialPermissions				
Controls.OpenDoor				
Controls.CloseDoor				
Controls.OOS				
				Cancel 🔒 Save

Figure 61: Add Role – LM [part 3 of 3]

When completed, click on the Save button. A pop-up displays informing that the new role has been created successfully. Click on OK to proceed.



Figure 62: Role created successfully! Pop-Up

15.2.2 Edit Role

An existing role can be edited to modify permissions or change the role description. To Edit a Role, click on the Edit Role button under the Action column for that role and make the necessary changes.

For example, TestRole Permissions are being modified - the View permissions are removed, and the Scheduling permissions are added.

Local Monitoring



Edit Bole										
el halos - Billi Role										
O for at the appr	griete white spaces being	Towns advention to	nadi with an asteria (1							
Basic Info										
Bola Name *										
Testilaite										
Description										
Test.										
					- 1					
Permissions										
- fection										
(1) Roles	Schedulog	Cours	E tecurity	The Antonia Stateman State	🔛 Accord autouted	CarCalle	E fullials	i view	E Asports	E Parting
III Sole Dears	Schedule Crower	User Daute	CarCalhOntails Week	III Alemates	E fait.Vee	CorCult Vew	Halfal Vee	E financian Iral	E Report Mark	Enter
III ROM-DIM	Second parts	Cowr.doll	CarCath/Deverol.Altow	E Kamini	E Pachani	Cartal Corevé	Self24Coversi	Constantion Normal	Bepet/bport	II PerkControl
(C) Rule Caleto	C Security New	User View	SulCalibration New	Kan Dar	E Pault Char			E Devator Vess Tall	E Report Andrew	
III Rokada.	Schedule Life	Rolt-Assign	III refult/constAlies					Destarives Compact		
E file year	C Schedure Vere	Factored Reset	El Security Shoe					Haltabitarion, Mow		
	Schedule Device							CarCarb Corents Allow		
III Admin					Cartrain					
Terring Acc	011				Corput.	44				
					Current.					
					Corend.	cartistably				
					Control .	эрьнок				
					Contract	ter ungrucht state	and a second sec			
					Contract of Contract	inter a second se				
					III Corent.	Oreslant				
					E Cornel	(Fiervice				
					Corenal	riensteine				
					Cortest	Publishing				
					Coretal.	hatidevialetry				
					Control.	lation				
					Careral.	utuationgs				
					Cornel	tool .				
					Cardenia (borthered				
					III Canad	an and a state of				
					Corect	reproduction				
					Corenal	Marhania .				
					Cornel.	active Channel				
					III Cermon	fantalienes				
					Corerat.	NextSecrep.				
					E Group	steat				
					III Onne B		CarSelection			
					III Group O	coalitions" shared				
					Crow (quantities				
					Correct.	CercPetranet Universal				
										Tableton and

Figure 63: Edit Role – LM

When completed, click on the Save button. A pop-up displays informing that the role has been updated successfully. Click on OK to proceed.

NOTE: all roles can be edited except for Smartrise Admin roles.





Figure 64: Role updated successfully! Pop-Up

15.2.3 Delete Role

An existing role can be deleted by clicking on the Delete Role button under the Actions column for that role. A pop-up displays prompting confirmation from the Administrator.

NOTE: all roles can be deleted except for Smartrise Admin roles.



Figure 65: Confirmation Pop-Up

Upon confirmation, a success pop-up displays informing that the role has been successfully deleted.



Figure 66: Role deleted successfully! Pop-Up



16 Settings – LM

The settings Module allows the user to configure the settings for each DAD unit.

16.1 Group Configuration

The Group Configuration settings allows for setting the IP address for the DAD unit being used for a particular site. In case multiple DAD units are assigned, each DAD unit will have its own IP address and configuration file.

NOTE: Up to eight DAD units can be supported.

To set up the Group Configuration for the DAD unit, enter the IP address. The Port will always remain 9100. Click on Choose File and select the *.h configuration file from Windows Explorer then click Open.

≡		Choose Theme: 🏶 🍞 🌜 🧕 Smartrise Admin
Settings		
Group Config LM Config Site ID Config Logs RTC Special Features Inputs/Output	5	
Restore Default Configuration Save All		
DAD Unit 1:	Port	
192.168.4.1	9100	
Group Config 1:		
Current config_file: config_all_Generic_JOB_Group_1.h		Choose File Clear
DAD Unit 2:	Port	
127.0.0.1	9100	
Group Config 2:		
		Choose File Clear
DAD Hold 2:	Dest	
127.0.0.1	9100	
Group Copie 3:		
		Choose File Clear
DAD Unit 4:	Port	
127.00.1	3100	
Group comig 4:		Choose File Clear
DAD Unit 5:	Port	
127.0.0.1	9100	
Group Config 5:		
		Choose File Clear
DAD Unit 6:	Port	
127.0.0.1	9100	
Group Config 6:		
		Choose File Clear
DAD Unit 7:	Port	
127.0.0.1	9100	
Group Config 7:		
		Choose File Clear
127.0.0.1	9100	
Group Confie 8:		
aroup coming of		Choose File Clear

Figure 67: Settings – Group Configuration – LM

When completed configuring the DAD unit, click on the Save button. A success-pop up is displayed. Click on OK to proceed on updating the file.





Figure 68: File successfully saved! Pop-Up

16.2 LM Configuration

The LM's settings merely show the DAD information.

≡	Choose Theme: 🏶 🔵 🌜 🧕 Smartrise Admin
Settings	
Group Config LM Config Site ID Config Logs RTC Special Features Inputs/Outputs	
DAD Info: • SITE ID: 0 • DAD IP: 192.168.4.1 • CONFIG INFO • Generic.JOB • JOBID: 15327 • JOBINME: Generic.JOB • IP: 192.168.4.1.9100 • IP: 192.168.4.1.9100 • IFLETAWE: config.aulGenericJOB_Group_1.h	
Others:	Ŧ
OS: Linux OS Dist: Ubuntu OS Version: 20.04.6 LTS (Focal Fossa) Remote URL: vss://monitoring.smart/fise.us:3000 LM Version: 4.3.14	•



16.3 Site ID Configuration

The entered value [site ID] is required to link the Local Monitoring app to the Remote Monitoring app.



								Choose Theme: 🔅 🔵 🄇	Smartrise Admin
Set	tings								
	Group Config	LM Config	Site ID Config	Logs	RTC	Special Features	Inputs/Outputs		
	Site ID:								
	0								
	Save								

Figure 70: Site ID Configuration – LM

16.4 Logs

Users can download the logs of Smartrise's API – this helps Smartrise's technical support to debug if required.

≡										Choose Theme: 🧯	Smartrise Admin
Se	ttings										
	Group Config	LM Config	Site ID Config	Logs	RTC	Special Features	Inputs/Outputs				
	Smartrise API logs		Download								

Figure 71: Logs – LM



16.5 RTC

Users can view the RTC of the DAD unit.

≡	Choose Theme: 🏶 🌑 🇯 🧕 Smartrise Admin
Settings	
Group Config LM Config Site ID Config Logs RTC Special Features Inputs/Outputs	
Real Time Clock	
Generic Job (1)	
2024-08-06 09:09:37	

Figure 72: RTC – LM

16.6 Special Features

The Car Call Security and Hall Call Security can be bypassed from here, so the calls on secured floors are only accepted from the LM.



≡										Choo	se Theme: 🎄 🔵) C 🙆 S	Smartrise Admin
Set	ttings												
	Group Config	LM Config	Site ID Config	Logs	RTC	Special Features	Inputs/Outputs						
	Special Fe	atures											
		🗆 Вур	ass Car Call Security	y									
		🗆 Вур	ass Hall Call Security	у									
	Save Features												

Figure 73: Special Features – LM

16.7 Inputs / Outputs

The user must select the desired inputs & outputs to track.

=									Choose Theme: 🔹 🔵 🕻	Smartrise Admin
Set	tings									
	Group Config	LM Config	Site ID Config	Logs	RTC	Special Features	Inputs/Outputs			
	Save Inputs / Outputs	s Restore I	Default Configuration							
	nputs									
	10 v entries per pa	ige							Search:	
	Selected	١	lame				Code		Active Low	
	Z	0	OOB Front				DOB_F			
	 ✓ 	C	OOB Rear				DOB_R			
		A	active Shooter				ACTIVE_SHOOTER_MODE			
		A	Access Top UP				ATU			
		A	ccess Top DN				ATD			
		A	ccess Bot UP				ABU			
		A	ccess Bot DN				ABD			
		т	op Lock Front				LTF			
		N	Aiddle Lock Front				LMF			
		E	Bottom Lock Front				LBF			
	Showing 1 to 10 of 216	6 entries						«	1 2 3 4 5	22 > »
	Outputs									



Figure 74: Inputs/Outputs [part 1 of 2] – LM

=				Choose Theme: 🌞 🔵 🌜 🧶 Smartrise Admin
	Access Bot DN	ABD		
	Top Lock Front	LTF		
	Middle Lock Front	LMF		
	Bottom Lock Front	LBF		
Showing 1 to 10 of 216 entries				≪ ← 1 2 3 4 5 22 → ≫
Outputs				
10 ventries per page				Search:
Selected	Name		Code	
	DOL Front		DOL_F	
	DOL Rear		DOL_R	
	ACTIVE SHOOTER		ACTIVE_SHOOTER	
			UNUSED	
	DO Front		DO_F	
	DC Front		DC_F	
	NDG Front		NDG_F	
	Light Fan		LIGHTFAN	
	Travel UP		TRV_UP	
	Travel Dn		TRV_DN	
Showing 1 to 10 of 128 entries				« (<mark>1</mark> 2 3 4 5 13 > »

Figure 75: Inputs/Outputs [part 2 of 2] – LM