# **PHILIPS** dynalite

## Multiroom System Manager Multiroom Dashboard

Version 2.8, 2025-02-11

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the Multiroom Dashboard is a browser-based monitoring and control interface. It provides an intuitive overview of the venue's operations with real-time feedback from every room and remote access to room functions such as lighting and HVAC.

Dashboard functions are arranged into easily navigable pages and views:

Pulse – Analytics and insights.

**Control Center** – Guestroom monitoring and control, history & performance, alerts & health.

**Reporting** – Report creation and download.

**Configuration** – Profiles, API integrations, and system settings.

**User Management** – User accounts, profiles, and permissions.

## **Chapter 1. Getting Started**

## 1.1. Activating the superadmin account

The first time you connect to the dashboard, you will be prompted to set up the superadmin account.



The superadmin account should only be used for initial setup, and should be deleted after at least two Project Admin users have been created.

This is especially important if using LDAP authentication - the superadmin account is not an LDAP user, so LDAP policies cannot be applied to it.

- 1. Open your web browser and navigate to the dashboard URL supplied by your network administrator.
- 2. When prompted, enter the email address of the dashboard administrator, and a suitable password with at least:
  - 12 characters
  - I uppercase letter
  - 2 1 lowercase letter
  - 2 1 number
- 3. click Save.

interact

### Superadmin user setup

Please set the superadmin's email and password.

Email

Password

Repeat password



# **1.2.** Activating your account (standalone/email authentication only)



Account activation is not required for LDAP/S login services such as Microsoft Active Directory.

Your site administrator will advise which login method to use.

When your account is created, you will receive an activation email. Click the Create password button to open the password creation page in your browser.

### interact

#### Welcome to Interact Hospitality

Hey (

In order to access your account, first you need to create a password.

#### Create password

Create a password before 18 Feb 2022.

If you think you got this e-mail by mistake, please ignore it or **contact us** to remove it from our database.

Thank you,

The Interact Hospitality team.

On the password creation page, enter a unique password with at least:

- 12 characters
- 1 uppercase letter
- 1 lowercase letter
- 1 number

Click the Create password button and you will be taken to the dashboard login screen.

### interact

#### Welcome to Interact Hospitality

Hey [Firstname Surname],

Please create a unique password you will use to access your Interact Hospitality account.

New password		
•••••		0
Repeat password		
•••••		0
	Create password	

### 1.3. Logging in



Your company's IT security policy may require a certificate to be installed on the client machine before you can access the Dashboard securely via https. If necessary, contact your network administrator for assistance.

Open your web browser and navigate to the dashboard URL.

Enter your email address and password, then click Log in.



Once logged in, you can use the navigation bar on the left to access each section of the Dashboard.



## **Chapter 2. Pulse**

Pulse is the Dashboard's homepage, providing an instant high-level overview of the most important metrics for your entire hotel, or an individual wing/tower. A selection of tiles illustrates trends and analytics including check-ins, occupancy, room statuses and environmental conditions.

The percentage indicator on each tile compares what is happening right now to a rolling seven-day average. This allows you to check on any sudden or notable changes in activity.



## **Chapter 3. Control Center**

The Control Centre provides a real-time overview of rooms across the hotel, with **Floor View** and an indepth **Room View** page for each room or venue.





Room View refers to the same page type for all areas, including restaurants and outdoor facilities.

## 3.1. Building and Floor View

This view shows status tiles for each room in the selected building or floor, as well as venues and areas arranged by category.

- Rooms & Suites: View all rooms in the Whole hotel, or only rooms in a selected building, wing, or floor.
- Meetings & Events: Conference rooms, ballrooms, event halls, etc.
- Food & Beverage: Restaurants, bars, etc.
- Common Areas: Lobby, service corridors, etc.
- Facilities & Leisure: Guest facilities such as swimming pools and retail outlets.
- Façade & Exterior: Carparks, lawns, terraces, and other outdoor areas.



### 3.1.1. Filtering rooms

Select any combination of **Room Services** and **Room Details** filters on the right to view only the rooms that match your criteria, including optional duration thresholds for **Room Services** alerts.

Select any combination of filters on the right to view only the rooms/areas that match your criteria:

Room Services

Filter	Optio ns	Rooms	Public Spaces
Privacy	Time elapse d		
Make Up Room	Time elapse d		
Laundr y	Time elapse d		
Service	Time elapse d		

Room Details

Filter	Options	Rooms	Public Spaces
Occup ancy	Guest/Staff /Unoccupie d		
	Checked In/Out	$\checkmark$	
Enviro nment	Temperatu re	$\checkmark$	$\checkmark$
al	Relative Humidity	$\checkmark$	$\checkmark$
	Balcony Door Open/Clos ed		
Room Alerts	With/With out	$\checkmark$	$\checkmark$
	Alert Type	$\checkmark$	$\checkmark$

Select any combination of room statuses and click the Apply filters button, or click Clear to cancel any active filters.

For example as shown below, you can view:

- Rooms left unoccupied with the balcony door open
- Rooms waiting on laundry pickup for over 2 hours
- Rooms where the temperature and humidity are both over a certain level

Room Details		Roo	m Services	Roo	m Details
ŧŧ	<ul> <li>Occupancy</li> </ul>	a	Privacy	ŧŧ	Occupancy
	Unoccupied •	s.	Make Up Room		<ul> <li>Environmental</li> </ul>
	<ul> <li>Environmental</li> </ul>	è	<ul> <li>Laundry</li> </ul>		Temperature ≥ ▼ 25° ▼
	Temperature		Elapsed  > 2 hours		Relative Humidity ≥ ▼ 50% ▼
	Relative Humidity		Service		Balcony Door Closed 👻
	Balcony Door				
	Opened 👻				

### 3.1.2. Viewing rooms

There are two ways to access Room View for a specific room or area:

- Click on the room tile.
- Enter all or part of the room number or venue/area name into the search bar on the top left, then select the required match from the dropdown list.



The term 'Room View' applies to both guestrooms and public areas. However, certain features are only displayed where applicable (e.g., the room status bar for guestrooms, or schedules for public areas)

### 3.2. Room View

Room View gives detailed insights into the status and activity of a single room or suite, divided across the following tabs:

- Monitor & Control View room status information and control in-room services and devices.
- History & Performance Access environmental conditions, energy consumption, room status changes, and a downloadable event timeline.
- Alerts & Health Check room alerts, zone alerts, and online/offline status of all connected devices in the room, including DALI luminaires.
- Manage Luminaires Flash DALI luminaires in the room for easy identification, and pair them to the correct control channels. This tab is only shown for rooms with DALI lighting control.

int	eract		
:1	<b></b>	BUILDING ONE - LEVEL 1 CRAND POTEL	
88	Control Center	Monitor & Control History & Performance 🛕 Alerts & Health Manage luminaires	
hi	Q Find a room or space	Image: Checked In Unoccupied     Privacy Off +     Make Up Room     Laundry Off +     Service Off +     Service Off +	
†‡†	Rooms & Suites	Living Room	*
•4 •1	Meetings & Events ~	Ighting     Ighting	
	X Food & Beverage V	area 11         Main Room A10           On         ✓         Medium         ✓	
	任 Facilities & Leisure v	ighting ↓ HVAC	
	♥ Common Areas ∨	12-Spare Set point Current Fan speed	
	♦ Façade & Exterior ↓	On - 22.0°C - 19.8°C 49.2% High -	
		Doors     Curtains	
0		The Safe 🕕 Balcony 🔴 Blind Curtain	
>		Closed Open Open - Open -	+

### 3.2.1. Monitor & Control

This tab includes a room status bar and individual tiles for each available service connected to the system. In larger suites, service tiles may be divided into zones - bedroom, living room, etc.

int	eract	🕂 🔐 insul hisra 🗸
:		BUILDING ONE - LEVEL 1 CRAND POTEL
	Control Center	Monitor & Control History & Performance 🛕 Alerts & Health Manage luminaires 🤗 Link Rooms
ht	Q Find a room or space	Checked In Unoccupied         Privacy         Make Up Room         Laundry         Service         Mode         Mode         Language           0ff *         0ff *
÷.	🛱 Rooms & Suites 🗸 🗸	Living Room
en en	🥔 Meetings & Events 🗸 🗸	-☆: Lighting
	X Food & Beverage V	area 11 Main Room A10 On - Medium -
	≝ Facilities & Leisure ↓	÷: Lighting
	♥ Common Areas ∨	12-Spare Set point Current Fan speed
	<ul> <li>Façade &amp; Exterior</li> </ul>	On - 22.0°C - 19.8°C 49.2% High -
		Doors
0		The Safe 🖲 Balcony 🖗 Blind Curtain
»		Closed Open Open - Open -
Roor	n Status Bar Checked In Unoccupied	Privacy Make Up Room Chinese - Service Off - Mode Chinese - Chinese -
The	Unoccupied	off • ● On • ● Off • ● Off • ● Green • ●

#### **Guestrooms and Suites**

The room status bar includes:

- Checked In/Out & Occupancy: Based on data from the PMS and user activity in the room.
- Room Status: Click on each room status to turn it On/Off:
  - **Privacy**
  - Make Up Room
  - 2 Laundry
  - Service



**Privacy** and **Make Up Room** are mutually exclusive. Activating one automatically deactivates the other.

- Mode: Affects HVAC behavior and energy consumption:
  - Auto: Normal operation
  - **Green:** Activates a wider temperature setpoint tolerance of 2-3°C to save energy, enabling guests to actively reduce their energy consumption.
  - **VIP:** Preserves the guest's selected HVAC settings even when the room is unoccupied. Reverts to *Auto* when guest checks out.
- Language: Changes the display language on all AntumbraDisplay interfaces in the room:
  - 2 Arabic
  - 2 Chinese
  - 2 English
  - 2 French
  - 🛛 German
  - 🛛 Italian
  - 2 Japanese
  - 2 Mandarin
  - Spanish
  - 🛛 Thai
  - ? Vietnamese

The language may be automatically set by the PMS during check-in.



The Room Status Bar is only shown in Room View for guestrooms and suites, not public areas.

#### Service Tiles

Service Tiles display the current state of each service in the room, with drop-down controls for authorized users. These tiles are created, labelled, and grouped automatically based on the original templates for each room type.

्र्ल्- Lighting		HVAC		Doors	
Master On •	Main Room MED ~	Set point         Current           22.0°         ✓         23.0°         25.0%	Fan Speed <b>Medium -</b>	Safe Closed	Balcony Closed
Curtains		🗿 Wake Up Alarm			
Blind Closed -	Curtain Opened	Set a wake up alarm     08   :   00   Set alarm			

- Lighting: May include a simple On/Off toggle or a selection of lighting scenes
- HVAC: Temperature setpoint, current temperature and humidity, and fan speed
- Doors: Shows Open/Closed status for any doors in the room with a dry contact switch
- Curtains: Includes motorized curtains, blinds, and projector screens
- Wake-Up Alarm: Sets a time to trigger the room's *Sunrise* lighting sequence (If configured, this function may also forward the requested wake-up time to the PMS)

#### **Public Areas**

#### **Floor Plan**

If a public area is configured with a floor plan, the dashboard displays a toggle in the top right corner to switch views between the default **III** Grid page and the **IIII** the Floor Plan page.

#### Unscheduled

The Monitor & Control tab for public areas without schedules is similar to that of guestrooms, excluding guest-specific features such as the room status bar.

int	eract		🚭 📕
:: ::	Control Center	BUILDING ONE - OUTSIDE	Grand Potel
ht	Q Find a room or space	Main	
÷.	X Food & Beverage V	÷ģ∻ Lighting	-∳- Lighting
,	E Facilities & Leisure 🗸	Main Lights	Cove Lights
	♥ Common Areas ✓	on -	Dim
	Façade & Exterior     Overview     Facade		
0	Landscape		
»	Car Parking		

#### Scheduled

For public areas that have a schedule applied, this tab loads with three panels:

- Schedule Preview Selectable tiles for the next 7 days.
- Now and Next The current day's schedule, showing the active state.
- Current Service tiles with the current status and controls for each service in the selected zone.

int	eract	⊕'	💼 toustobra 🗸
:1	Control Center	BUILDING ONE - GROUND  C Buffet  Monitor & Control History & Performance Alerts & Health	Grand Hotel
lıı ≓	Q Find a room or space	Schedule Preview	
-	🛱 Rooms & Suites 🗸 🗸	21 Mon         Daily routine Mon to Wed         22 Tue         Daily routine Mon to Wed         23 Wed         Daily routine Mon to Wed         24 Thu         Daily routine No Schedule         25 Fri         Daily routine No Schedule         26 Sat         Daily routine No Schedule	27 Daily routine Sun No Schedule
	Meetings & Events v	Now and Next Current	
	X Food & Beverage ^	Tables Kitchen	
	Bar	· 读· Lighting · 读· Lighting	
	Restaurant Lounge	Main Lights Cove Lights On Cove Lights	•
	또 Facilities & Leisure 🗸	Evening HVAC	
	♥ Common Areas ♥	Set point Current Fan speed	
<b>?</b> »	<ul> <li>▲ Façade &amp; Exterior ✓</li> </ul>	Late night	

When you select an upcoming scheduled state, or an upcoming day from the **Schedule Preview** bar, this view updates to:

- Routine The schedule for the selected day.
- Preview Service tiles with their configured settings during the selected state.



Service tile controls are disabled in **Preview** mode, as these settings are managed by the public area profile.

ir	teract			🚭 📑
-	Control Center	BUILDING ONE - LEVEL 3 C Boardroom  Monitor & Control History & Performance Alerts & Health	n	Grand Hotel
ht	Q Find a room or space	Schedule Preview		
##	🛱 Rooms & Suites 🗸 🗸	17 Dailyroutine 18 Dailyroutine 19 Dailyr Thu Thu, Fri Fri Thu, Fri Sat Sat, S	outine 20 Daily routine 21 Daily an Sun Sat, Sun Mon Mon,	routine 22 Daily routine 23 Daily routine Tue Tue Mon, Tue Wed Wed
<b>D</b> ,	🍘 Meetings & Events 🗸 🗸	Routine Preview Mo	rning	
	X Food & Beverage 🗸	19, Saturday Main Sat, Sun Schedule		
	🕅 Facilities & Leisure 🗸 🗸	22:00 Night 🔅 L	ighting	🔆 Lighting
	♥ Common Areas ✓	06:00 Main Lig	phts	Cove Lights
	Façade & Exterior	On		On
	Overview	8 н	VAC	
	Landscape	10:00 Set poin Fun-Time 22.0°C	t Current Fan speed	
0	Car Parking	12:00		
»				

### 3.2.2. Floor Plan

This page shows a map of the public area, divided into zones, with icons representing services in each zone.

There are two selectable views:

#### Service & health



This view displays an icon for each zone's controllable services:



Hover the mouse over a service icon to see its current status.



Click on a zone to select it and open the sidebar.

The sidebar includes expandable tiles with controls for each available service (see Service Tiles), as well as a **Health** tile that displays operational status alerts for connected devices and DALI luminaires in the zone that may require staff attention.

Click the  $\checkmark$  /  $\land$  icons to toggle each tile as needed.

#### **Lights & devices**



This view displays icons representing the approximate location of light fixtures and sensors in each zone.



Click on a zone to select it and open the sidebar. The sidebar includes expandable tiles that show the current status for lights and each device type. Click the  $\checkmark$  /  $\land$  icons to toggle each tile as needed.

#### 3.2.3. History & Performance

This tab includes changes in environmental conditions, room statuses and requests, and a detailed timeline of all system events in the room. Data can be viewed per guest stay, across a specified date range, or in real time. Real time data is updated every minute.



To download a copy of the **Events timeline**, click the 🛃 button.

For **Per stay** and **Date range** reports, click the **Choose a stay/date** box on the right to open the date selection dialog box. Select the guest stay (not shown) or date range and click Apply to load the

requested data.



#### Energy Reporting

All energy information provided by the Dashboard is **notional** only, meaning that it is calculated rather than measured or metered. Energy load estimates are entered during the commissioning process and combined with real-time monitoring of room events/activity, occupancy, and environmental conditions to calculate ongoing energy usage for each room.

The accuracy of notional energy reporting is dependent on the information provided during commissioning, and may differ from real-world measurements.

Where applicable, energy reporting is divided into three types:

- Lighting uses the estimated max load, channel level, and run-time for each lighting circuit connected to a switched or dimmable channel.
- Heating & Cooling uses HVAC energy profiles, recorded run-times in each available mode, and real-time temperature monitoring.
- Base power combines two values:
  - Fixed base power uses a combined total estimate for all non-controlled plug loads (such as the fridge, minibar, coffee machine, TV, etc.) in each checkin/occupancy state.
  - Variable base power uses the estimated consumption and recorded run-time for each switched plug load controlled by the system.

A

#### 3.2.4. Alerts & Health

This tab shows the operational status of connected devices and DALI luminaires in the room, with grouped notifications for any issues that may require staff attention.

int	teract		. ــــــ 🙁 🖏
91   41	Control Center	BUILDING ONE - LEVEL 1	GRAND HOTEL
18 14 19	Q. Find a noom or space      Moorns & Suites     whole hoad     building One     v      Meetings & Events     v      Food & Bevents     v      E Facilities & Leisure     v      Q. Common Areas     v	Mondol & Cooled       Webry & Pertonnance         Mondol & Cooled       Metric & Metric         Requires Affection         Image: Affective of offline       14 hrs         Image: Affective offline       14 hrs <td< th=""><th>2" Link Rooms</th></td<>	2" Link Rooms
	<ul> <li>Façade &amp; Exterior v</li> </ul>	Check the score suffige to understand the cause and toubleshoot.	
>		Image: Temperature     View all       Bedroom       All furninaires are online     View all       Devices offline     View all     All devices are online     View all	

#### **Requires Attention**

Current alerts are shown in category tiles, along with relevant information and instructions to resolve the issue or clear the alert.



Tiles and icons are color-coded to indicate severity:

- **OK** device/luminaire online and operating normally.
- Warning exceeds normal range but no immediate risk.
- Alert requires immediate attention.

Mouse over the f icon to see when the alert was generated.

#### **General / Zone Alerts**

Statuses for the room and for each individual zone (living room, bedroom, etc.) are organized into separate tiles for alerts, devices, and DALI luminaires.

Click View all on each tile to see a full list of current issues and device/luminaire statuses.

#### **Alert Types**

- Balcony/Entrance Door Door left open for an extended period.
- Devices Offline One or more devices in the room are not responding.
- FCU Drip Tray Full/Filter Dirty HVAC/fan coil unit requires maintenance.
- **Guest Well-Being** Room is guest-occupied but no movement is detected for an extended period (usually 24 hours). Staff should check the room in person and provide assistance if required. The alert clears automatically when motion is detected in the room.
- Humidity Above or below configured thresholds.
- Lamps Offline One or more paired DALI luminaire drivers are not responding.
- Temperature Above or below configured thresholds.
- **Prolonged Room Status** *Do Not Disturb, Make Up Room, Laundry Pickup,* or *Service Pickup* active for an extended period.
- Soil Moisture Above or below configured thresholds.
- Room Safe A guest has checked out while the room safe is still locked.
- Water Leak Leak detected by a room sensor.



You can view and manage alert types and settings in Configuration > Alert Definitions.



If a linked room is unoccupied, guest well-being alerts for its occupied linked room(s) are delayed by the guest occupancy timeout period (usually 10-20 minutes). This timeout period is configured separately for each room profile. Refer to Room & Suite Profiles for more information.

#### 3.2.5. Manage Luminaires

The **Manage luminaires** tab is only visible in rooms and locations with DALI controllers. **Unpaired luminaires** are displayed on the left, and control channels are displayed with their **Paired luminaires** (if any) on the right.



If the channel list in **Paired luminaires** appears doubled up, you can clear DALI pairing from the room's DALI controller via the System Builder commissioning software. Refer to

/GIT/multiroom/build/multiroom/latest/index.html/multiroom/2.8/commissioning\_g uide/on-site\_configuration.html#clear\_dali\_addresses[Commissioning > On-Site Configuration > DALI Pairing] for more information.

 $\bigcirc$ 

If a single paired DALI luminaire is offline and gets replaced, the system automatically pairs the new luminaire to the same channel.

If multiple luminaires are offline, each replacement must be manually flashed/identified and paired as described below.

int	eract		¢	💕 🌀 Superadmin 👻
	Control Center	BUILDING ONE – BUILDING 1	Alerts & Health Manage luminaires	CRAND POTEL
lıl ≓	Q Find a room or space	Unpaired luminaires	Paired luminaires	Î
<b>P</b> <sup>0</sup>	<ul> <li>Rooms &amp; Suites</li> <li>Whole hotel</li> <li>Building One</li> </ul>	Controller 1       10 unpaired luminaires         7472444       ♥       Pair         1606460       ♥       Pair	Red G Bed Left Bed Right B4	14 slots available 🖍
		10584909     Pair       2822137     Pair       9815036     Pair       4514637     Pair       8587853     Pair	B5 Bathroom Ceiling 1433659 Bathroom Mirror Lamp Right Entry Downlight	• Unpair
»				Deploy to room

To refresh the list of available luminaires, click  $\bigcirc$  Reload list on the left.

#### Flashing

To flash a luminaire on and off, click the plightbulb symbol. This allows a person in the room to visually identify the luminaire so it can be paired to the correct channel.

The luminaire will stop flashing automatically after a brief time, or you can click the U progress indicator to stop it manually.

#### Pairing

Click the Pair button next to a luminaire to open the **Pair Luminaire** dialog.

Use the search bar to filter the list of available channels if necessary, then select the correct channel. You can also click the  $\P$  lightbulb symbol in the bottom left corner to flash the luminaire for confirmation without leaving the dialog box. Click the Pair button to complete the process.

The paired luminaire is now shown next to its associated channel on the right. To remove a luminaire from a channel, click the Unpair button.

Pair 7472444 with its location	Pair 7472444 with its location					
Click the Flash button to identify the luminaire in the room. Once you find it, choose a correct location in the list to pair it.						
Q bathroom						
Red		^				
Bathroom Mirror						
ę	Cancel	Pair				

#### Deploying changes to the room

After creating the desired pairings for the room, click the Deploy to room button to open the **Deployment** dialog.

Click Deploy changes again to proceed.

#### This deployment may take up to 20 minutes

Deployment of these changes may take up to 20 minutes. Do you want to continue?

Cancel

Deploy changes

Deployment may take several minutes, after which the **Manage luminaires** page automatically reloads. You can also manually refresh the page from your browser without interrupting the process.

	_	A. 🔊 Supe	aradmin —
0	i	Successfully deployed	×
Cupe in progress		Grand	PIOTEL
Sync in progress		🖉 Link F	Rooms

#### DALI driver/ballast and lamp errors

Ballast failure, Lamp failure and Ballast offline errors are indicated by an A error symbol.

Hover your cursor over the symbol to view the error type.



Offline DALI controllers and channel alerts are displayed along with those for all other devices and channels under the Alerts & Health tab.

General			
A System health	View all	<ul><li>Bedroom DALI</li><li>Main DALI</li></ul>	View all
Bedroom			
<ul> <li>No alerts</li> </ul>	View all	<ul> <li>All luminaires are online</li> </ul>	View all

#### 3.2.6. Linked Rooms

Two or more rooms with adjoining doors or shared lobbies can be linked together to synchronize functions including occupancy, room status, and doorbell sharing. The linking options for each room are configured during the commissioning process.



Services such as lighting, HVAC, and blinds are still monitored and controlled individually for each room.

Linked rooms are marked in Building or Floor View with a 🥜 link icon and the room(s) they are linked to.



#### Linking rooms

In Room View, click the 🖉 Link Rooms button to open the **Link Rooms** dialog.

Select the adjoining room (or set of rooms) and which functions to synchronize, then click the Link button.



A notification confirms that the room link is active, and the 🖉 Unlink Rooms button is now displayed.

~	Rooms link settings have X been changed.	
	🖉 Unlink Rooms	
	Mode     ▲ ▲     Language       VIP     ✓     ▼     English	

#### **Unlinking rooms**

Linked rooms are automatically unlinked at checkout, but can also be unlinked manually at any time.

In Room View for any of the linked rooms, click the 🖉 Unlink Rooms button.

In the Unlink Rooms dialog, click the Unlink button to confirm.



A notification confirms the change, and the  $\mathscr{P}$  Link Rooms button is restored.

## **Chapter 4. Reporting**

The Dashboard includes a variety of reports to view or save for future use:

- Management: Check-in and occupancy, room status, temperature, humidity, and room alerts
- Environmental: Temperature, humidity, fan speeds, balcony door use, and environmental averages per floor
- Occupancy: Daily and hourly averages, and room mode usage over the selected date range.
- Room Alerts: Daily and hourly system alert trends, system uptime for network gateways, PMS interface, and room devices.
- Guest Requests: Daily room status trends and average/peak times for room status duration.
- Energy: Notional energy consumption reporting across the entire site, as well as comparisons across services, room profiles, and individual rooms.

#### Energy Reporting

All energy information provided by the Dashboard is **notional** only, meaning that it is calculated rather than measured or metered. Energy load estimates are entered during the commissioning process and combined with real-time monitoring of room events/activity, occupancy, and environmental conditions to calculate ongoing energy usage for each room.

## The accuracy of notional energy reporting is dependent on the information provided during commissioning, and may differ from real-world measurements.

Where applicable, energy reporting is divided into three types:

- **Lighting** uses the estimated max load, channel level, and run-time for each lighting circuit connected to a switched or dimmable channel.
- Heating & Cooling uses HVAC energy profiles, recorded run-times in each available mode, and real-time temperature monitoring.
- Base power combines two values:
  - Fixed base power uses a combined total estimate for all non-controlled plug loads (such as the fridge, minibar, coffee machine, TV, etc.) in each checkin/occupancy state.
  - Variable base power uses the estimated consumption and recorded run-time for each switched plug load controlled by the system.

Click the 🖶 **Print** button in the top right corner to print the report to hard copy or PDF for distribution.

int	eract		⊕	😋 Cannai Rabaria 👻
*** ***	Reporting	STANDARD REPORT Energy Whole hotel   Last 7 days  Compare		Grand Potel
0e• ↓1↓	<ul> <li>Standard Reports ^</li> <li>Management</li> <li>Environmental</li> <li>Occupancy</li> <li>Room Alerts</li> <li>Guest requests</li> <li>Energy</li> <li>Custom Reports ~</li> </ul>	Energy used over time Overall Per energy type 24 kWh 18 kWh 12 kWh 6 kWh 08 Jun 09 Jun 10 Jun 11 Jun 12 Jun	13 J	un 14 Jun
<b>9</b> »		Avg Energy used per hour           Overall         Per energy type           24 kWh		

## 4.1. Location

To run a report on a specific building, wing, or level, click on **H** Whole hotel to open the **Choose location** dialog box.

Select the location and click Apply.



## 4.2. Date Range

Click the 🔛 Last 7 days box to open the **Date range** dialog box.

Select an option from the **Date range** dropdown, or specify a custom range on the calendar, and click Apply.



Cancel

Apply

## **Chapter 5. Comparison Reports**

Click the Compare button to run a comparison report between two date ranges for the same location, or two locations for the same period.

In the **Compare to** dialog, select 📰 Building or 🛗 Period, set the parameters for comparison, and click Apply.

	Comp	are to		
Ħ	Building	🛍 Period	I	
O Whole hotel				
Building 1/South				
Building 1/West				
Building 2/North				
Building 2/West				
Building 1/North				
Building 2/East				
Building 1/East				
Building 2/South				
Stop comparing			Cancel	Apply

						Com	pare to							
					E E	Building	Ť.	Pe	riod					
Date r	ange						From					То		
Prev	vious	perio	d	Ŧ			11 A	pr 20	20			13 A	vpr 20	20
<		Ар	oril 20	20						Ma	ay 20	20		>
Мо	Tu	We	Th	Fr	Sa	Su		Мо	Tu	We	Th	Fr	Sa	Su
		1	2	3	4	5						1	2	3
6	7	8	9	10	11	12		4	5	6	7	8	9	10
13	14	15	16	17	18	19		11	12	13	14	15	16	17
20	21	22	23	24	25	26		18	19	20	21	22	23	24
27	28	29	30					25	26	27	28	29	30	31
				_								_		
Sto	р со	mpari	ing							Can	cel		Ар	ply

Comparison reports show a solid line for the original selection and a dotted line for the comparison selection, as below:



To save the current report or comparison for future access, click Save. Saved comparison reports are listed under **Custom Reports**.

## **Chapter 6. Creating Custom Reports**

Custom reports enable you to compile and view selected metrics for a chosen date range, across the entire hotel or isolated to a specific location. You can also build custom comparison reports between any two date ranges or locations.

#### Available metrics include:

#### • Environmental

- I Temperature & humidity
- Fan speed adjustments
- Balcony doors usage per hour
- 2 Environmental data per floor

#### • Energy

- Intergy used over time
- Intergy used by type
- I The best and worst performing rooms
- Intersection Energy used by room type
- Average energy used per hour

#### • Occupancy

- Checked in & occupancy
- Average occupancy over selected time
- Average occupancy per hour
- Occupancy types

#### • Alerts and Health

- Alerts volume over time
- Alerts volume per hour
- System uptime

#### Room Statuses

- Room status usage
- Ilapsed times: average and peak

#### Create a custom report:

1. Click the Create new report button.



2. Select any combination of widgets, then click Continue.

## What kind of data are you looking for?

Choose widgets you want to base your report on. You start typing keywords to filter through the widgets faster.

#### Start typing to search widgets

Environmental (2) 0 0  ${\mathcal A}^{\ell}$ E Balcony doors usage Temperature & Environmental data per Fan speeds per hour floor Humidity 4 ₽ č.  $\rightarrow$ Energy (1) 6 Energy consumption Energy consumption by The best and worst Energy consumption by over time type performing rooms. room type 4 Occupancy (1) Ξ ٠ ht Checked in & Avg Occupancy over Avg Occupancy per Occupancy types Occupancy selected time hour Alerts And Health ht ht ht Alerts volume over time Alerts volume per hour System uptime Room Statuses  $\operatorname{ht}$  $\mathcal{A}^{\ell}$ Elapsed times: Average Room status usage and peak Continue

3. If desired, click 🗰 Whole hotel to change the location and 🔛 Last 7 days to change the time period. You can also click the Compare button to set up a comparison report as described in the previous section. Click the Create report button to continue.

Choose a location and time period	
fou can create your report already and adjust these iettings on the report page if you want.	
Location	
a Whole hotel	
Time period	
🛍 Last 7 days	
Compare	
Create report	

4. Review your new custom report, then click the Save button in the top right corner to open the **Save report** dialog.

	ht	CUSTOM REPORT Report 17 Jul 2020*					Grand Hot
	Reporting	Whole hotel     Mi Last 7 days     Compare					Save
†.†	Standard Reports	Temperature & Humidity					
<b>)</b>	Custom Reports	Actual temp     Set temp     Humidity		Status	Avg Set Temperature	Avg Actual Temperature	Avg Humidity
	Report 17 Jul 2020*	19 °C	75%	All statuses	18.0°C	18.0°C	80.0%
		18.5°	50%	Checked in, Occupied	18.0°C	18.0°C	80.0%
		17.5°C	25%	Checked in, Unoccupied	18.0°C	18.0°C	80.0%
		1770 10 Jul 11 Jul 12 Jul 13 Jul 14 Jul 15 Jul 16 Jul	0% 17 Jul	Checked out	18.0°C	18.0°C	80.0%
		Fan speeds	I	Balcony doors usage per hour			
		Auto Low Medium High		<ul> <li>Avg Duration the doors were open</li> </ul>	<ul> <li>Balcony doors opened</li> </ul>		
		100% Type T	otal count	100%	ann 111		60 min
		75% Auto	0%	75%			- 45 min
»		50% Low	0%	25%			15 min

5. Enter a name for the report and click Save again.

Save report				
Report name				
My Custom Report				
Please review the data you want to save as part of this report.				
Location	Whole hotel			
Period	Last 7 days			
Compared to	No comparison			
	Cancel Save			

6. To rename or delete a custom report, click the 2 symbol in the top right corner.

CUSTOM REPORT My Custom Report			Grand Fig	OTEL
T Whole hetel	www.l.act.7.dovo	Compore	Rename report	
	Last / uays	Compare	Delete report	:

## **Chapter 7. Configuration**

Configuration includes the following screens:

- Profiles Set default behaviors for all rooms and public spaces under each profile:
  - /GIT/multiroom/build/multiroom/latest/index.html/multiroom/2.8/dashboard\_guide/configur ation/room\_profiles.html[Rooms & Suites] - Room settings and seasonal defaults
  - /GIT/multiroom/build/multiroom/latest/index.html/multiroom/2.8/dashboard\_guide/configur ation/public\_area\_profiles.html[Public Areas] - Scheduling for automated system behaviors
- /GIT/multiroom/build/multiroom/latest/index.html/multiroom/2.8/dashboard\_guide/configuratio n/integrations.html[**Integrations**] Add and manage access for API clients.
- /GIT/multiroom/build/multiroom/latest/index.html/multiroom/2.8/dashboard\_guide/configuratio n/system\_settings.html[System Settings] Configure the Dashboard's Project Features, User Authentication, and Email Server.

## 7.1. Room & Suite Profiles

Room and suite profiles contain the following tabs:

- States controls default behaviors for the selected profile.
- Seasons enables season-specific defaults in States, as well as options to modify the number and length of seasons to match local requirements.
- Alerts determines which alert definitions are active for each zone in the room profile.
- **Instances** monitors the progress of saved changes to the selected room profile as they are broadcast to each affected device on the system.

### Before You Begin: Using Customised Seasons

Seasons settings ONLY apply to the currently selected room profile!

Save time by copying your customised seasons to all room profiles before configuring their settings:

- 1. First complete and save the **States** and **Seasons** settings for one room profile.
- 2. Under **States > Apply these settings to other profiles**, click the Choose Profiles button.
- 3. Follow the prompts to copy the room settings to all other room profiles. This overwrites all existing settings.
- 4. Make any further changes to the other room profiles as required.

### 7.1.1. States

Select the desired default behaviors and settings for the selected room profile, then click Save and apply.

If seasons are enabled, you can click each season under **Room defaults** to change the settings for that season. For example:

• Save energy with seasonally appropriate temperature setpoints for unoccupied rooms.

- Close blackout blinds on summer days to limit sun exposure.
- Open blackout blinds on winter days to let sun in, then close them at night to improve heating performance.

int	eract							<b>⊕</b>	CR Connad Roberts 👻
		ROOMS & SUITES							Grand Plotel
L.	Configuration	States Seasons Alerts Instances							
 I →	A Profiles	Apply these settings to other profiles Choose profi	iles						
<b>=</b>	Rooms & Suites Meetings & Events	Welcome scenes		Occupancy timeouts			Antistumble nightlights		
	Food & Beverage	Show every time	•	Occupied by guests		20 min 👻	Leaving the Bed		5 min 👻
	Facilities & Leisure			Occupied by staff		10 min 👻	Returning to Bed		20 sec 🔻
	Common Areas Façade & Exterior	Room defaults							
	Alert Definitions	Winter Spring Summer Autumn							
	@ Integrations	21 Dec – 20 Mar							
	System settings	Room occupancy state	Temperature	Fan speed	Lighting scene	Power socket	IS Blackout	Sheers	
		Checked Out, Unoccupied	17 °C 🛛 🛨	Auto 👻	Night •	Off	▼ Closed ▼	Close	d 👻
		Checked Out, Occupied	18°C +	Auto 👻	Bright +	On	• Open •	Close	.d 👻
		Checked In, Unoccupied	19°C ▼	Auto 👻	Bright -	On	✓ Closed ✓	Close	sd ▼
		Checked In, Occupied: Day	19°C ▼	Auto 👻		On	• Open •	Open	*
0		Checked In, Occupied: Night					Open 👻	Close	sd ▼
>>		Green	23 °C 👻	Auto 👻					

To apply all room settings from the current profile to others:

- 1. Click **Apply these settings to other profiles >** Choose Profiles.
- 2. Select which profiles to overwrite, then click Apply settings.

Apply these settings to other profiles
Please select profiles you want to apply Standard settings to. This will override their current settings.
Select profiles
<ul> <li>Suite</li> <li>Restaurant</li> <li>Lounge</li> <li>Meeting Room</li> <li>Boardroom</li> <li>Ballroom</li> <li>Spa &amp; Gym</li> <li>Leisure</li> <li>Retail</li> <li>Lobby</li> <li>Corridor</li> <li>Back of House</li> <li>Facade</li> <li>Landscape</li> <li>Car Parking</li> <li>Bar</li> </ul>
Cancel Apply settings

#### 7.1.2. Seasons

Enabling seasons allows you to configure seasonal defaults under the **Room settings** tab.

You can add or remove seasons (up to six total), rename each season, and customize date ranges to match the local climate and traditions.

After making the required changes, click Save and apply to finish.

int	teract				G	CR Carvad Noberts 🗸
	Configuration	ROOMS & SUITES	ces			Grand Hotel
ı  ≓ •1	Profiles     Rooms & Suites     Meetings & Events	Seasons setup 🖲				
	Food & Beverage Facilities & Leisure Common Areas Façade & Exterior	Season 1  Winter Season 2 Spring	From 21 Dec • From 21 Mar •	To 20 Mar • To 20 Jun •	<b>Winter</b> 21 Dec - 20 Mar	
	Alert Definitions     Integrations	Season 3  Summer	From 21 Jun 🗸	To 22 Sep 🔹		
0	System settings	Season 4  Autumn + Add new season	From 23 Sep 🔹	To 20 Dec 🔹		
>>						

### 7.1.3. Alerts

View, add, and remove any existing alerts for each zone in the room profile, to ensure that only relevant alerts are shown.

After making any changes, click Save and apply to finish.

ROOMS & SUITES			Grand Plotei
States Seasons Alerts	Instances		
General			
Device Health	a Do Not Disturb	Entrance Door	🛓 Laundry Pickup
0 ī	0 î	0 î	0 î
€ Make Up Room	<ul> <li>Service Pickup</li> </ul>	Guest Well-being	+
0 î	0 î	0 î	
Living Room			
Door Status	⊲+ FCU Filter	🛓 FCU Tray	Humidity
0 î	0 î	0 î	0 1

#### 7.1.4. Instances

This tab shows the current status of updated room settings for the selected profile as they are broadcast to individual rooms across the network.

Click on any room tile to open a tooltip with more information about its status.

Sta	tes Seasons	s Aler	rts Instanc	es										
Up	date status for	all roon	ns with the St	andard pro	ofile			Data	updates eve	ry minute	. Last updat	ed <b>less th</b>	an a minute a	igo.
	Up to date		Pending		Errors									
	260		20		6					Ro	om settings Un to date			
	Room 1001	~	Room 1002		Room 1003		Room 1004	~	Room 1005	Fin	Up to date 16:39 mware & Configu	9, 25/02/20 ration d		×
	Room 1008		Room 1009		Room <b>101</b>	~	Room 1010		Room 1011		Not provided 16 Up to date 16:39	:39, 25/02/20 9, 25/02/20	, 13	×
	Room 1014	~	Room 1015	~	Room 1016	~	Room 1017		Room 1018	~	Room 1019	~	Room 102	~
	Room 1020		Room 1021	~	Room 1022	~	Room 1023	~	Room 1024	~	Room 1025	~	Room 1026	
	Room 1027		Room 1028		Room 103	~	Room 104	~	Room 105	~	Room <b>106</b>	~	Room 107	
	Room 108		Room 109		Room 110	~	Room 111		Room 112	٩	Room 113	•	Room 114	
	Room 115		Room 116		Room 117	~	Room 118		Room 119	~	Room 120	~	Room 121	
	Room 122		Room 123		Room 124	~	Room 125	~	Room 126	~	Room 127	~	Room 128	
	Room 201		Room 202		Room 203		Room 204		Room 205		Room 206		Room 207	

## 7.2. Public Area Profiles

Public area profiles are applied to all managed areas apart from rooms and suites, such as meeting rooms, bars, restaurants, lobbies, or exterior spaces.

Each profile includes the following tabs:

- **Scheduling** Set routines to automate system behavior by activating preconfigured states at specific times of each day.
- **States** Create and configure a state for each time of day (or recurring event) with appropriate settings for lighting, HVAC, and/or other connected services.
- Alerts Apply selected alerts to specific zones within each profile.

#### 7.2.1. States

The States tab shows a list of available states for use in routines.

Click the Create new state button to add a state, or the 2 symbol next to each state to **Edit**, **Duplicate**, or **Delete** it.

<	MEETINGS & EVENTS Boardroom		Grand Potel
Sc	hedules States Alerts		
0	verview		Create new state
	State Name	Color	Actions
	Afternoon		:
	Evening	-	÷
	Fun-Time	-	:
	Mid-day	-	:
	Mid-Night		:
	Morning		:
	Night		:
	Party		:

#### **Configuring States**

Creating, duplicating, or editing a state will take you to the state editor, which displays a list of available services (Lighting, HVAC, etc.) and settings for each.

MEETINGS & EVENTS		Grand Plotel
States < Afternoon	/	

🔆 Lighting	J			ာ် Lighting	g			HVAC		
Main Lights <b>Dn</b>	•	Transition 5 Seconds	•	Cove Lights On	·	Transition 30 Seconds	•	Set point 22.0°C	•	Fan speed Auto ~
	+ 6	Exclude			+ 1	Exclude			+ 1	Exclude

Choose which services to include/exclude, adjust the settings for each included service as required, and click the Save and Apply button to finish.

#### 7.2.2. Schedules

The Schedules tab shows all current routines for the selected profile.

Each state in a routine activates its saved settings at the scheduled start time. This is a one-off event, and these settings are overridden by subsequent commands from user interfaces, sensors, or automated tasks.

Boardroom	ENTS 1							Grand Plotei
Schedules States	Alerts							
Daily Routines								
	0 1 2 3 4 5	6789	10 11 1:	2 13 14 15	16 17	18 19 20 21	22 23 24	4
Mon, Tue	Continue previous day Mid-Night	t Morning	Mid-day	Afternoon		Evening	Night	:
Wed	Continue previous day	Morning	Mid-day	Afternoon		Evening Fun-Time	Night	:
Thu, Fri	Continue previous day Mid-Night	Morning		Afternoon	Evening	Party	Night	:
Sat, Sun	Continue previous day	Morning	Fun-Time	Afterno	oon	Evening	Party Night	:
+ Create ne	w routine							

Click the 2 symbol next to a routine to **Edit** or **Delete** it.

#### **Creating a Routine**

- 1. Click the + Create new routine button.
- 2. Select Yes to start by copying an existing routine or No to start with a blank routine
- 3. Click Next to open the routine editor.

#### Use other daily routine as a basis?



#### Add an Event

- 1. In the editor, click the + Add event button.
  - 2 Set a **Start** time, *Absolute* or *Astronomical* (relative to sunrise/sunset).
  - Select the required **State**.
  - Click the Add button.

Repeat as needed.

#### Add Routine Event

Select at what time the event should start and which state should be recalled.

1	Start						State	
	Astronomical	*	5 Minutes	*	Before sunrise	•	Morning	•
							Cancel	Add

#### **Editing the Routine**

Modify the **Start** time or **State** of any existing event in the list, or click the **T** trashcan icon to delete it.

Under **Occurrence**, select which days of the week the routine should be active.

Click the Save and Apply button to save your changes.

eetings & events oardroom														Grand Plot
scheduling Mon, Tue														
utines details														
0 1 2 3	4 5	6 7	8 9	10 11	12	13	14 15	16	17	18	19 20	21	22	23 24
Continue previous day	Mid-Night		🚢 Morning	Mid-d	ay		Afternoon				Evenin			Night
Start									State					
Absolute	*	02:00		9					Mid	-Night			*	
Astronomical	*	2 Hours		•	After sunr	ise		•	Mor	ning			*	Ŧ
Absolute	Ŧ	10:00		9					Mid	-day			-	Ŧ
Absolute	•	12:00		9					Afte	rnoon			•	
Absolute	•	17:00		9					Eve	ning			•	Ŧ
Absolute	•	22:00		9					Nigl	nt			•	Ŧ
+ Add event														
Occurrence           Monday           Tuesday	y Wedn	esday 📃 Tł	nursday	Friday	Satu	urday	Sunday							
												Discord of		Save and An

#### 7.2.3. Alerts

View, add, and remove existing alerts for each zone in the profile, to ensure that only relevant alerts are shown.

After making any changes, click Save and apply to finish.

Boardroom		Grand Piotel
Schedules States Alerts		
General		
Entrance Door	Device Health	+
0 Î	0 Î	
Main		
Temperature	# FCU Filter	🛓 FCU Tray 🕂
<b>0</b> Î	<b>(</b> ) Î	0
		Discard changes Save and Apply

## 7.3. Alert Definitions

This page includes settings and controls for both **Room & Space Alerts** and **System Alerts**, enabling you to create, configure, and customize dashboard alerts to your project's exact requirements.



This page is only visible to user profiles with User permissions > Configuration > Access permissions > Alerts enabled.

int	eract						¢	🙉 insulfators a
89 10 10 10 10 10 10 10 10 10 10 10 10 10	Configuration	ALERTS Definitions						Grand Hotel
ht	= Profiles ~	Room & Space Alerts						Add Definition
₫	Alert Definitions	Type ‡	Name ¢	Severity ÷	Threshold ÷	First Alert ÷	Repeat Alert ‡	Actions
,		Humidity	Humidity	Warning	20 to 30	5 sec	2 day	
	System settings	Laundry Pickup	Laundry Pickup	Warning		5 sec	4 hrs	:
		s. Make Up Room	Make Up Room	Warning		5 sec	6 hrs	:
		Room Safe	Room Safe	Critical				
		System Alerts						
		Туре		Severity	Firs	it Alert	Repeat Alert	
		PMS (FIAS) Connection		Critical	10	mins 👻	6 hrs 👻	
0		Floor Gateway Connection	n 🔹	Critical	10 :	mins 👻	6 hrs ▾	
* *		1-2 of 2 < >						

### 7.3.1. Room & Space Alerts

To create a new alert, click the Add Definition button.

Click an alert's 2 symbol to **Edit** or **Delete** it.

#### Alert Information

### Alert Definitions

Please fill in the needed information.

#### Alert Type

Room Temperature							-
Name							
Room Temp Alert							
Lower Threshold			Upper Threshold	d			
0			32				
Severity							
Warning							•
First Alert after							
1 hrs	•	0 mins	•		0 sec	5	•
Repeat Alert							
1 days 👻	hours	•	minutes		•	Seconds	•
						Cancel	Save

This dialog displays whenever you Add or Edit an alert.



You can only select the **Alert Type** when adding a new alert. This field is locked when editing.

#### 1. Select the Alert Type:

- Balcony Door
- Devices Offline
- Entrance Door
- FCU Drip Tray Full
- FCU Filter Dirty
- Guest Well-Being
- Humidity
- Laundry Pickup
- 2. Enter a **Name** for the alert.

- Make Up Room
- Privacy
- Room Safe
- Room Temperature
- Service Pickup
- Soil Moisture
- Water Leak

#### 3. Set the alert **Severity**:

- 2 Warning
- 2 Critical
- 4. Humidity, Room Temperature, and Soil Moisture only:
  - Iset the Lower Threshold and Upper Threshold values.
- 5. Set the **First Alert after** delay.
- 6. If required, click the **C** slider to enable **Repeat Alert** and enter the repeat interval.
- 7. Click the Save button to close the dialog box.
- 8. Click the Save and Apply button to save your changes.

### 7.3.2. System Alerts

System alerts are always critical, and are triggered by connection issues with the PMS (FIAS) or any of the floor gateways. These alerts have limited configuration options:

- 1. To enable/disable a system alert, click the CO slider.
- 2. To adjust the **First Alert** or **Repeat Alert** interval, click the 2 and select a new option from the dropdown menu.
- 3. Click the Save and Apply button to save your changes.

## 7.4. API Integrations

In this tab you can create, view, edit, and disable/delete API integrations. These integrations provide third-party applications and devices with full or read-only access to selected system functions, ranging from room and system status alerts to lighting and HVAC control.

Each API client uses its unique Client ID and secret to obtain a temporary authentication token. This token must be refreshed every 24 hours, ensuring that only authorized apps and clients have secure access to permitted API and WebSocket functions.



For more information on API authentication, visit the Interact Developer Portal.

int	eract				(	🏶 🗷 🖬	👻 attestat 🗸
:	tt	GRAND HOTEL, METROPOLIS				Grai	ND PROTEL
Ē	Configuration						
ht	A Profiles	Q Search integrations by name				Create integ	ration
≓	Integrations	Integration    Enable/Disable	Guestroom Controls	Guestroom Statuses	Room Alerts	System Alerts	Actions
•	System settings	BMS Enabled	×	•	<b>~</b>	*	:
		ExampleIntegration Enabled	~	*	-	*	:
0		ExampleIntegration2	*	*	-	*	:
* *		✓ Full access 🗕 Partial access 🗶	No access				

#### Create an Integration:

- 1. Click the Create Integration button in the top right corner.
- 2. Enter the Integration Name and a unique Client ID for the API client.
- 3. Generate the **Client secret**.
- 4. Copy the Client ID and Client secret before proceeding. If you forget these after creating the integration, you will need to start again.
- 5. Select the required access permissions.
- 6. Click the Create button to save your new integration.

Create API integration	
Integration Name	
system_alerts_monitoring	
Credentials	
ClientId	
bms_system_alerts	
Client secret	
cpwB@%fp%:q#iF5XH0L8:Q]th8zccJpG 💋	Generate
Copy client id and client secret now to provide integrator, as these cannot be viewed la Access permissions	ter.
Guestroom Control	~
Guestroom Events	~
Room Alerts	~
✓ System Alerts	^
✓ Floor Gateways Offline	
✓ FIAS Offline	
Cancel	Create

7. To Edit, Disable, or Delete an integration, click the 2 symbol and select from the popup menu.



8. Configure your API client with the copied **Client ID** and **Client secret**.



Once an integration is created, only the access permissions are editable.

## 7.5. System Settings

System Settings contains tabs for **Project Features**, **User Authentication**, and **Email Server** settings. This screen is only visible to authorized users.

### 7.5.1. Project features

This tab contains general settings to identify your hotel, resort, or venue.



#### **Project settings**

Select the **Project Type** and enter the **Project name** for the venue, then click Save and apply.



The Save and apply and **Discard changes** buttons only appear after making changes to properties on this page.

#### Logo and Login page background



The **Logo** should be in SVG or PNG format and smaller than 1 MB. The **Login page** background should be JPG or PNG format and smaller than 5 MB, with a resolution of at least 1600 x 1200 to ensure clear display on a variety of screen sizes.

#### Delete logo/background:

Click the **T** trashcan icon next to the filename.

#### Hotel logo

Hotel logo is used across the dashboard and brings the brand of the hotel to the front.

# GRAND FOTEL

grandhotel-logo-aws.png





You must delete the existing image before uploading a replacement.

#### Upload logo/background:

1. Click the Upload logo / Upload photo button.

#### Hotel logo

Hotel logo is used across the dashboard and brings the brand of the hotel to the front.



The file should be in SVG or PNG format, and not bigger than 1 MB.

#### Login page background

Login page background is shown on each login page. You can upload a big photo of the hotel here.

- Uni	oad	nhot	n
υp	ouu	Pilo	

The file should be in JPG or PNG format, and not bigger than 5 MB. 1600x1200 or larger resolution is recommended.

2. Select the replacement image and click the O<sup>®</sup>pen button.

/// Open				×
← → • ↑ <mark> </mark> « □	This PC / Pictures		✓ ひ Search etc	م
Organise 👻 New fol	lder			::: • 🔟 ?
💻 This PC	Name	Date modifi	ed Type	Size
🗊 3D Objects	Hotel_Logo.png	22/08/2013	23:25 PNG File	81 KB
<ul> <li>Desktop</li> <li>Documents</li> <li>Downloads</li> </ul>	,			
File	name: Hotel_Logo.png	Encoding: Auto-Detect	<ul> <li>✓ All Files (*.*</li> <li>✓ Open</li> </ul>	r) V Cancel

3. Click Save and apply to finish.

#### 7.5.2. User Authentication

This tab toggles between standalone authentication via email, and LDAP authentication services such as Microsoft Active Directory.

Click the **Use LDAP authentication ()** slider to enable this feature if required.

Project Features	User Authentication	Email Server
Use LDAP authe	entication	
	This hotel has a	standalone user authentication.

You will require the following information to configure LDAP authentication:

- URL or IP address
- Port
- Domain name
- Search base
- LDAP server account username and password

Fill in all fields and click Save and apply to finish.

Use LDAP authentication 🛛 🦲							
LDAP server	URL or IP address						
Add the URL or IP address and the port number of the LDAP (Active Directory) server.	192.88.210.170						
	Port						
	389						
	Domain name						
	[yourdomain].com						
	Search base						
	DC=[yourdomain],DC=com						
Functional account	Username						
Specify a functional account name	test						
and password with permission to	Password						
query users in the LOAP directory.		Θ					
	Discard changes	Save and apply					

#### 7.5.3. Email Server

This tab holds the SMTP server and account settings that allow the system to send email to users, including account activation and password resets.

You can use a private/internal SMTP server or an external third-party server, provided that it satisfies your organization's security and privacy requirements.



The Multiroom Dashboard cannot receive or respond to incoming emails. We suggest that you set the **From** field to a 'noreply' address as shown. Alternatively you can use your IT helpdesk/support email address, in case staff inadvertently reply to automated emails with support requests.

Fill in the fields and enable/disable SSL as required, then click Save and apply to finish.

SMTP server	URL or IP address			
Add the URL or IP address and the port number of the SMTP (Email) server.	smtp.examplemailserver.com			
	Port			
	25			
	From			
	noreply@examplemailserver.com			
	Enable SSL			
Functional account	Username			
Specify a functional account name	hospitality@examplemailserver.com			
and password with permission to send mails via this SMTP server.	Password			

## **Chapter 8. User Management**

Add and modify user accounts and profiles, assign profiles to existing users, and manage active user sessions.

## 8.1. Users

The Users tab shows existing user accounts and their access to each Dashboard screen.

int	eract						🚭 😨 🖻	anal Islania 🗸
	GRAND HOTEL, METROPOLIS User Management Users Profiles Sessions	ŝ					Gra	ND POTEL
l∎ ≓	Q Search users by name or profile				Show profiles	Any	•	Add user
1	User 🗢	Pulse	Control Center	Reporting	Configuration	User Management	Project Admin	Actions
	Admin Profile	~	×	~	*			
	Admin Profile		×		×	×	×	:
	Sales Demo Profile	×	×	×		×	×	:
	Sales Demo Profile	×	×	×		*	×	÷ _
* *	✓ Full access _ Partial access	X No access					1 - 10 of 6	i5 < <b>&gt;</b>

To create a new account, click Add User.

### Add user

First name	Last name
FirstName	LastName
Email name@grandhotel.com	
Attach profile(s)	
- Select all	
Admin Profile	Sales Demo Profile
✓ Front Desk	✓ Concierge
Manage access to floors	
To restrict access you can deselect an er tower details to select or deselect floors.	tire tower or separate floors. Open the
All Floors (current and future floors)	
Building One	~
Add another user	Cancel Save

Enter the user's details, select the required profile(s) and building/floor access, and click Save.

Selecting **All floors (current and future floors)** automatically grants the user access to all existing floors, as well as new floors as they are added to the system. This option is especially useful for projects with planned expansions such as a new wing or building.

When using standalone authentication, new users are automatically emailed a link via the configured

/GIT/multiroom/build/multiroom/latest/index.html/multiroom/2.8/dashboard\_guide /configuration/system\_settings.html#\_email\_server[SMTP server] to create a password within 3 days.

If they do not receive the email or the token expires, click the 2 symbol and select **Resend activation email** to retry.

To modify or delete an existing user account, click the 2 symbol and select from the popup menu.



## 8.2. Profiles

Profiles can be granted full (read/write) or partial (read-only) access to each screen of the Dashboard.

You can create profiles for each job role, or for access to specific screens. and assign one or more profiles to each user account as needed.

int	eract						or 🖶 🐨	i initana 🗸
	GRAND HOTEL, METROPOLIS User Management Users Profiles Sessions	5					Grand	Hotel
lı ≓	Q Find profile						Create p	rofile
*	Profile 💠	Pulse	Control Center	Reporting	Configuration	User Management	Project Admin	Actions
	Admin Profile		~	•	*	×	*	:
	Administrator	×	×			×	×	:
	Sales Demo Profile	×	×	×		×	×	:
0	Test Profile		-	ж		×	×	:
»	✓ Full access _ Partial access	¥ No access					1 - 4 of 4	$\langle \rightarrow$

Click Create profile to configure a new profile. Select the required access levels, then click Create to save your changes.

Create profile							
Profile Name							
Exa	Example						
User	permissions						
:1	Pulse						
đ	Control Center			^			
	Area Types						
	🖌 Rooms & Suites	Food & Beverage	Meetings & Events				
	Facilities & Leisure	Common Areas	Façade & Exterior				
	Access Rights						
	Room Mode	Access level	Full Access				
	Guest Requests	Access level	Read Only	*			
	Room Services	Access level	Read Only	*			
	Alerts & Health						
	History & Performance						
	Manage Luminaires	Access level	Read Only				
Ы	Reporting						
÷	Configuration						
<u>*</u> *	User Management						
0	Project Admin						
			Cancel	ate			

To modify or delete an existing profile, click the 2 symbol and select from the popup menu.



### 8.3. Sessions

This tab displays all currently active user sessions. Each user account can only have one active session at a time.

Q Find User or Session ID				Inactivity logout Off	·
Users 🗢	Connection start \$	Idle time 💠	Connection address	Session ID	Actions
second schema (algeb) com-	14 Jun 2022, at 16:30	00:00 h	11040.00	3d394b90-0d26-4fb5-97cf- 1592c810d1ca	:
Notice -	14 Jun 2022, at 01:20	15:14 h		ca2eb44c-3c4a-4290-83fa- 6f1bc0ad5750	:
jing Adjordpoly some	13 Jun 2022, at 17:51	17:32 h	104.00.00	b3016508-86b0-41f9-a790- 9353b1cbe365	:
weighter-mapping algebraces	14 Jun 2022, at 00:11	16:21 h	100.28.50 100	62a97541-bf4a-46ce-9595- 911fe237f65b	÷ .
1-5 of 5 < >					

You can set an inactivity logout using the drop-down menu on the right.

For security reasons, all accounts with user management permissions automatically log out after 1 hour.

Inactivity logout	30 minutes	•
	Off	
	30 minutes	
	1 hour	
	2 hours	
	3 hours	
3-9201-7446811070c	DC	:

To manually log a user out, click the 2 symbol and select **Close session**.

Session ID		
8b34edb7-6931-4d93-92bf-74468f1d7d8e	:	
1 - 1 of 1	Close session	