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# EVOKO

EVOKO LISO

The next generation room manager

# Purpose of the presentation

With this presentation we aim to give you an overview of:

- What Evoko Liso can do and what its key selling points are
- What the main updates are compared to the Room Manager
- How the system works and what the installation process looks like
- How to use Evoko Liso
- How to use Evoko Home

*This presentation is only intended for Evoko's partners as part of the product training. It is not meant to be passed on to your existing or potential customers. If you would like parts or material from the presentation, just send us an email and we'll be happy to help.*

## Other Liso documentation

- Prices, discounts, article numbers and warranty terms are available in the latest **Price list** (sent out via email)
- Detailed installation instructions are available in the latest **System Admin Guide** (available on [www.evoko.se/downloads](http://www.evoko.se/downloads))
- For Frequently Asked Questions, please see **FAQ document** (sent out via email) and [www.evoko.se/support](http://www.evoko.se/support)
- A **Product Sheet** for end users, with product description and specifications, is available to download from [www.evoko.se/downloads](http://www.evoko.se/downloads)
- **Mounting instructions** (glass and standard wall) as well as **Declaration of Conformity/Safety Instructions** are included in the product box and also available to download from [www.evoko.se/downloads](http://www.evoko.se/downloads)

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01

# PRODUCT OVERVIEW

# Evoko Room Manager has taken the hassle out of meeting room bookings since 2010...

- No more double bookings
- No more interrupted meetings
- Easily find available rooms for ad-hoc meetings
- Report broken equipment right from the screen
- A beautiful design
- Valuable data to optimize resource usage and improve meeting culture
- Best in class usability
- Minimal impact on existing IT infrastructure



...and we have been globally recognized for our product design and innovation...



*"Top 14 best corporate products of 2015"*  
- TechDecisions



2011 ■



...helping organizations from all industries and sizes to have magnificent meetings



AND NOW WE ARE  
MAKING MEETINGS EVEN SMOOTHER



# Meet Evoko Liso

The next generation room manager

# Making meetings even smoother

Just like the Evoko Room Manager, Evoko Liso:

- Takes the hassle out of meeting room booking
- Clearly shows the status outside of the meeting rooms
- Puts an end to double bookings, confusion and interrupted meetings
- Is easy to use
- Has a beautiful and stylish design
- Frees up rooms that are booked but not used
- Provides you with statistics to optimize your resources and improve your meeting culture



## Bright and helpful

- Easier than ever to book
  - Use your favorite digital calendar on any computer, tablet or smartphone
  - Book directly on the Evoko Liso with the touch of your finger
  - Search for and book meetings based on location, availability, size and equipment
- A new level of intuitive user interface
  - All information is elegantly presented on the screen and it actually changes information automatically on the display when you walk up to it – making sure the most relevant information always is displayed
- See at a glance which rooms that are available, thanks to the red and green light aura



# Analytical and efficient

- Get full insight to your organization’s meeting patterns to really optimize resources and improve the meeting culture
- Decision-making support that truly cuts costs by optimizing resources and improving the meeting culture
  - Get full insight to your organization’s meeting patterns from the comprehensive statistics
- Extensive multi-site management options
  - Group hierarchies
  - Permission control
  - Real-time monitoring
  - Remote management



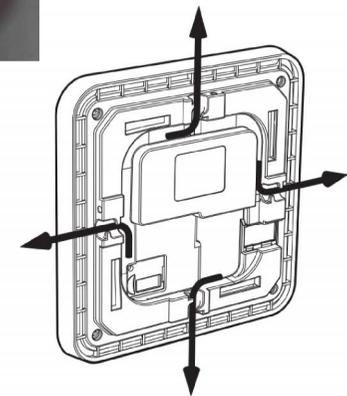
# Open and interactive

- Open API for integration with 3<sup>rd</sup> party systems
  - E.g. automatically have the AC turn on 10 min before a meeting is scheduled to start
- RFID/NFC/PIN verification for identification at on-screen bookings and restrict access for certain rooms, users or functions
- Check-in function to help you to free up meeting space by automatically cancelling bookings where no-one shows up
- Any non-functioning equipment in the room? Simply report it on the screen to notify the Facility Manager



# Simple and beautiful

- Easy to use and no new software or plug-ins to learn
- All features can be reached with only a few simple touches
- So easy and self-explanatory that anyone can master it without prior training
- Designed by the award winning Swedish designers at No Picnic
- Easy to install on both regular and glass walls
- Cable routing in 5 directions



02

## KEY UPDATES

# Summary of key updates vs. Evoko Room Manager

Besides the obvious things such as a more modern design, better screen, faster processor and more memory we have added plenty of great and longed for features in Liso

- **WiFi** connectivity as an alternative to Ethernet cable (PoE still available)
- **RFID/NFC and PIN** verification to restrict access and enable easy identification for on-screen bookings
- Intelligent GUI which through the help of a **proximity sensor** automatically adapts to in a clear way only show the most relevant information
- **Added booking capabilities** from the Liso unit. Thanks to our smart filters it is now easier than ever to directly from the Liso unit find a room that fits your needs (based on availability, proximity, size and equipment) and make either an instant or future booking for any room included in the Liso installation

# Summary of key updates vs. Evoko Room Manager

Besides the obvious things such as a more modern design, better screen, faster processor and more memory we have added plenty of great and longed for features in Liso

- **Improved Multi-Site Management** to manage large installations and installations that cover multiple locations. Some of the features ensuring a smooth management are:
  - Evoko Home (the configuration and management tool) is available as a web-app to be accessed from anywhere and by multiple people
  - Permission control with different user levels; *Global Administrator*, *Local Administrator* and *User*
  - Improved monitoring function
  - Automatic import of room lists and users directly from the calendar service
  - Hierarchy systemization of rooms/groups and settings
  - Extended and improved Remote Upgrade functionality (more upgrade options, scheduled upgrades, selective room/group upgrades etc.)
- **Improved statistics** which also are available directly in Evoko Home

# Summary of key updates vs. Evoko Room Manager

Besides the obvious things such as a more modern design, better screen, faster processor and more memory we have added plenty of great and longed for features in Liso

- **Stand-alone booking calendar** for those that does not have or want to connect to the supported email servers
- **Open API** to allow for integration with other systems to e.g. automatically turn on the AC 10 min before a meeting starts
- **Overview Screen** to clearly at the reception/entrance show which rooms are available and direct the guests to the correct meeting room
- **Cable routing in 5 directions** for a cleaner look and easier installation on glass walls
- **Faster synchronization** and support for **stronger encryption** levels

03

# SYSTEM ARCHITECTURE

# System architecture

## Definitions

**Evoko Liso:** The room manager devices mounted outside the meeting rooms

**Evoko Home:** The server application used to connect to the booking system and manage the Liso devices

**Booking system:** The platform used for booking meetings. Compatible booking systems are Microsoft Office 365, Microsoft Exchange 2010/2013/2016, IBM/Lotus Domino and Google Apps for Work (soon also NFS Rendezvous)

**Evoko Booking:** Built in stand-alone booking system that doesn't require connection to any third party platform

# System architecture

## System overview

- The Evoko room booking system consist of Evoko Liso devices that are installed outside the meeting rooms, and the Evoko Home application which connects to the booking system and is used to manage the Liso devices.
- Evoko Home can be installed as a service in the company network (on-premises or in the cloud) which enables several features like user management, statistics and remote management of the Liso devices. [*SERVER mode*]
- Optionally, you manage the Liso devices manually by installing Evoko Home on a desktop where you set up the configuration and transfer it with a USB stick to the devices. [*DESKTOP mode*]
- On the following slides there is an overview of the difference between these two options. Since the SERVER mode enables a lot mot functionality, we strongly recommend using it for any installation with ten Liso units or more.

# System architecture

## SERVER mode

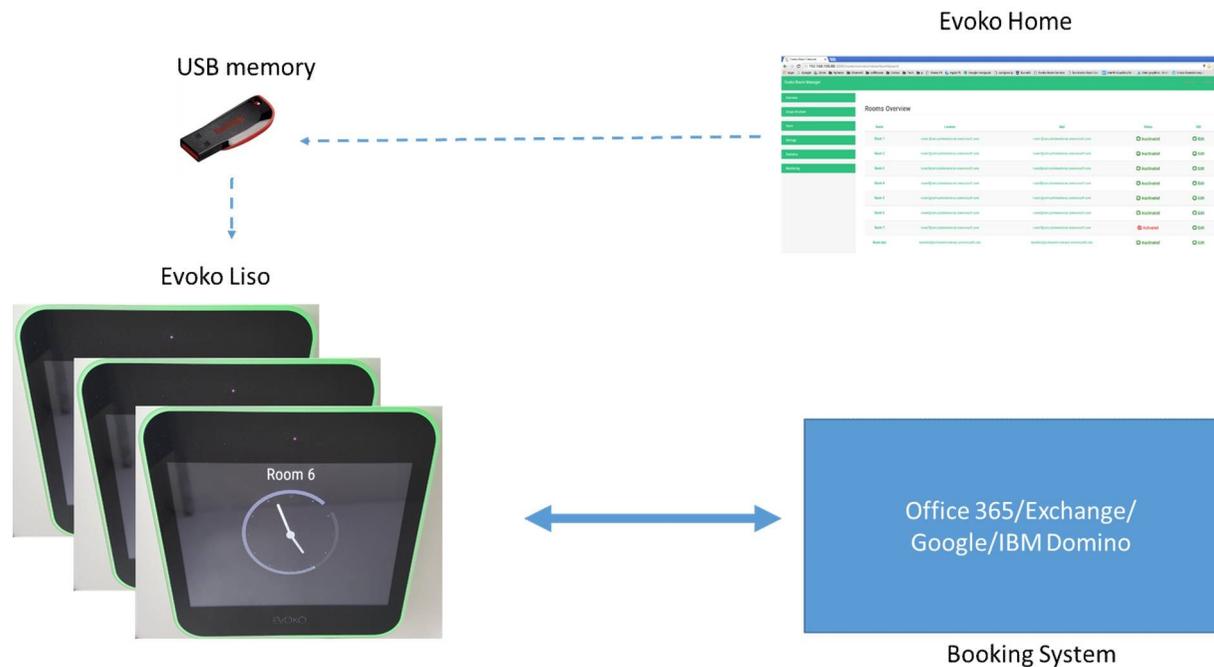
We recommend that you install Evoko Home on a server in your network (on-premises or in the cloud). This enables full functionality, including remote management, multi-site support, user management, monitoring and statistics



# System architecture

## DESKTOP mode

If you do not want to install Evoko Home on a server, you can use Evoko Liso devices directly connected to your booking system. You do however still need to install Evoko Home on a desktop, configure the rooms and export the configuration to a USB memory that is used to set up the devices



# System architecture

Installation process

## SERVER mode:



## DESKTOP mode:



04

## SPECIFICATIONS

# Specifications

## Compatible platforms

- Microsoft Office 365
- Microsoft Exchange 2016
- Microsoft Exchange 2013
- Microsoft Exchange 2010
- Google Apps for Work
- IBM/Lotus Domino Smartcloud
- IBM/Lotus Domino 8.5.3 – 9.x
- NFS Rendezvous Workspace
- Evoko Booking (stand-alone version)



# Specifications

## Technical info

- Display
  - 8 inch capacitive touch with anti-fingerprint treatment
- Connectivity
  - Wi-Fi
    - 802.11 a/b/g/n
  - Ethernet
    - RJ-45, 10/100/1000 Mbit
    - PoE & PoE +
      - IEEE 802.3af
  - RFID/NFC
    - 13.56 MHz reader compliant with ISO/IEC 18000-6:2013
      - ISO/IEC 14443A, ISO/IEC 14443B PCD 106 kbit/s to 848 kbit/s
      - ISO/IEC 14443A, ISO/IEC 14443B PICC 106 kbit/s to 424 kbit/s
      - Supports MIFARE 4K/1K reader encryption mechanism (does not support ISO 15693, MIFARE Ultralight C)
      - Reading NFC Forum tags (MIFARE Ultralight, Jewel, FeliCa open tag, ISO/IEC 14443-4)

# Specifications

## Technical info

- Power
  - Power over Ethernet (PoE), *or*
  - 12V AC/DC power adapter (accessory)
- Sensors
  - Proximity sensor
  - Ambient light sensor
- Mounting
  - Mounting options for both standard and glass walls
  - 5-way cable exit option for easy and neat installation

# Specifications

Technical info

- Other
  - 3-way indirect light aura to make room status visible already from a distance
  - Open API for third party integration
  - Communication via real-time two-way connection
  - Remote management with multi-site support
  - Real-time monitoring & statistics

# Specifications

User Interface languages (on the Liso device)

- Arabic
- Catalan
- Chinese, Simplified
- Chinese, Traditional
- Czech
- Danish
- Dutch
- English
- Estonian
- Finnish
- French
- Galician
- German
- Italian
- Japanese
- Latvian
- Lithuanian
- Norwegian
- Polish
- Portuguese
- Russian
- Spanish
- Swedish

# Specifications

Weight, Dimensions and Article number

- Size: 200 x 200 x 25 mm / 7.9 x 7.9 x 1.0 inch
- Weight: 1.3 kg / 2.9 lbs
  
- Article No.: ERM2001

# Specifications

## Pricing model & Box contents

Our pricing model is based on the same simplicity as our products; it is a one-time cost per unit and that is it. There are no licensing costs or subscription fees and all required hardware, software, support and warranty are included. The one-time cost includes:

- Evoko Liso unit (hardware with Liso application)
- Mounting kits for both standard and glass walls
- Evoko Home application (used for configuration, synchronization and administration)
- Future software upgrades for the Evoko Liso unit and Evoko Home
- Power Supply (if needed, typically installed with PoE)
- 2-year warranty (up to 3 more years can be purchased separately)
- Product support via phone/email/web-tickets for as long as the Liso units are used

05

# LISO INTRODUCTION

# Using the Clock

Booking a meeting

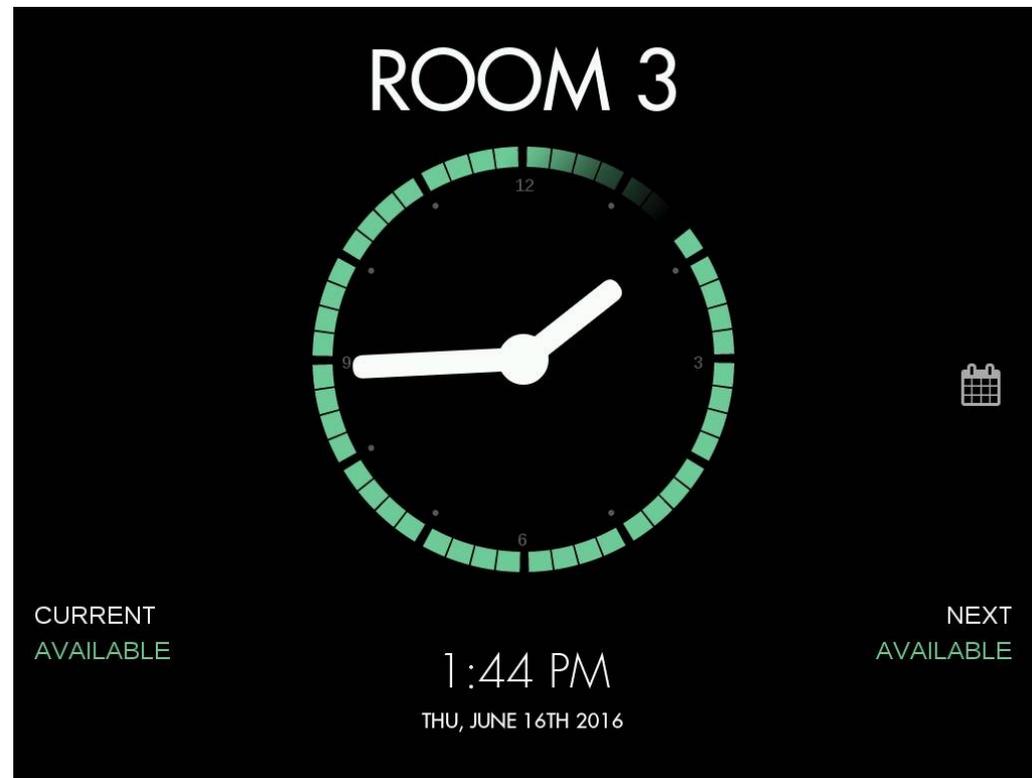
- When the Evoko Liso is not used, it will be in “passive mode” and show an overview of the clock and room availability, with the room name clearly visible
- The watch hands show the current time, and the green areas show when the room is available while the red areas show when it is booked
- There is also information about the current and next meetings (if any)



# Using the Clock

Booking a meeting

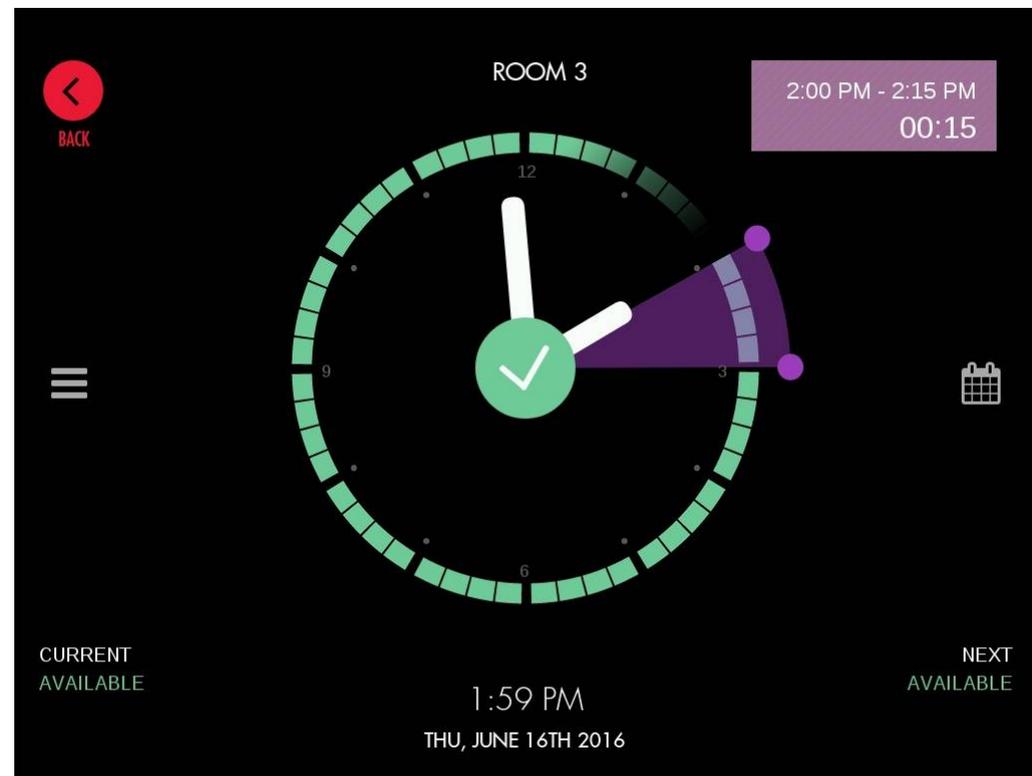
- When moving close, Evoko Liso will automatically go into “active mode”
- Here you can see more details about the meeting room. It is ready for interaction



# Using the Clock

## Booking a meeting

- To book a meeting anytime today, simply press the time on the border of the clock for when you want the meeting to start
- Evoko Liso will now be in “editing mode”, and you can adjust the start and end time of the meeting by dragging the start and end points
- Details are visible in the top right hand corner
- Confirm by pressing the green tick mark or cancel by pressing Back



# Using the Clock

Booking a meeting

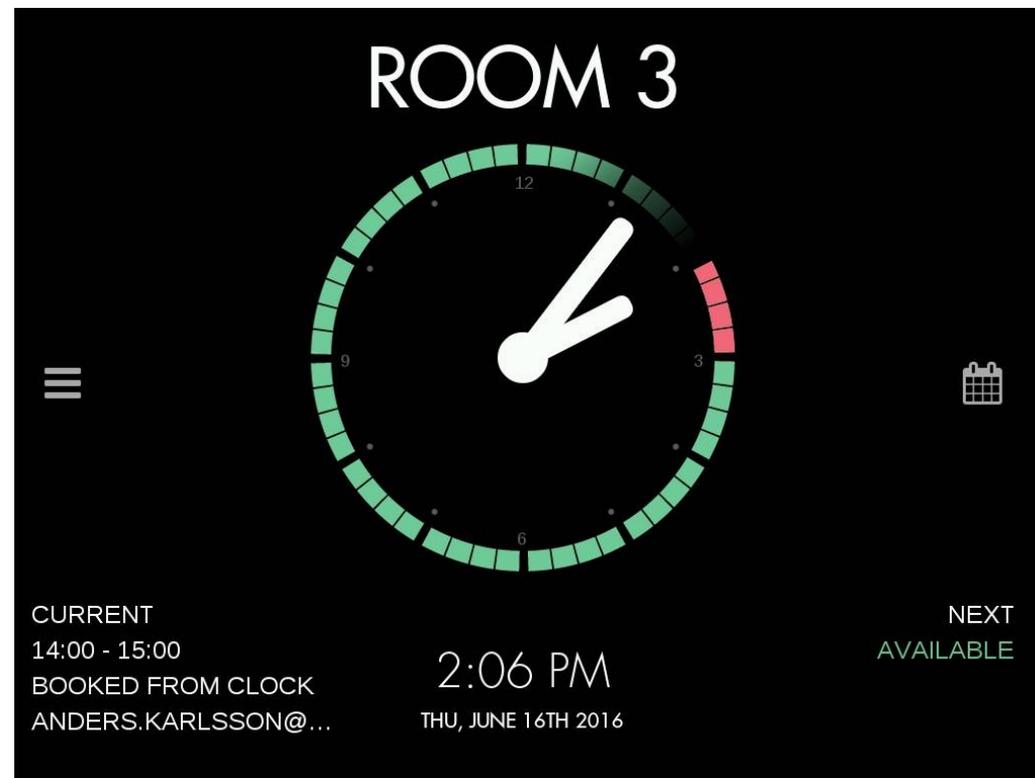
- After confirming with the green tick mark, or leaving the Evoko Liso untouched for one minute, it will return to passive mode which now has the new meeting visible



# Using the Clock

## Editing a meeting

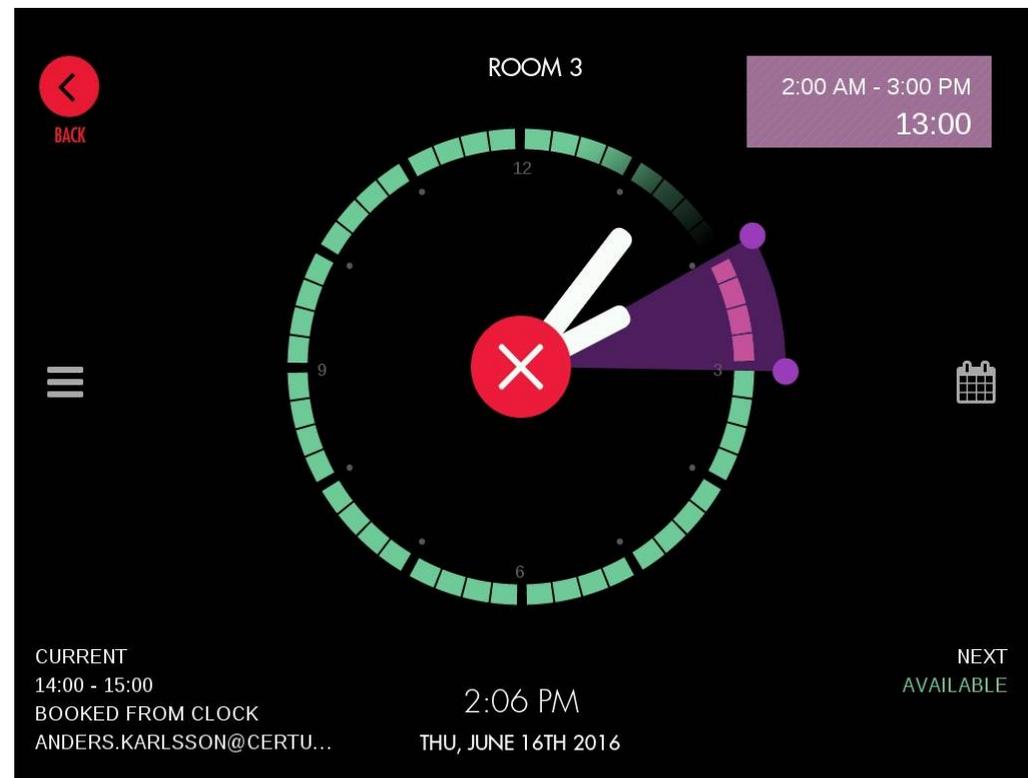
- From the clock it is also easy to end or extend an ongoing meeting, as well as editing an upcoming meeting later during the day



# Using the Clock

Editing a meeting

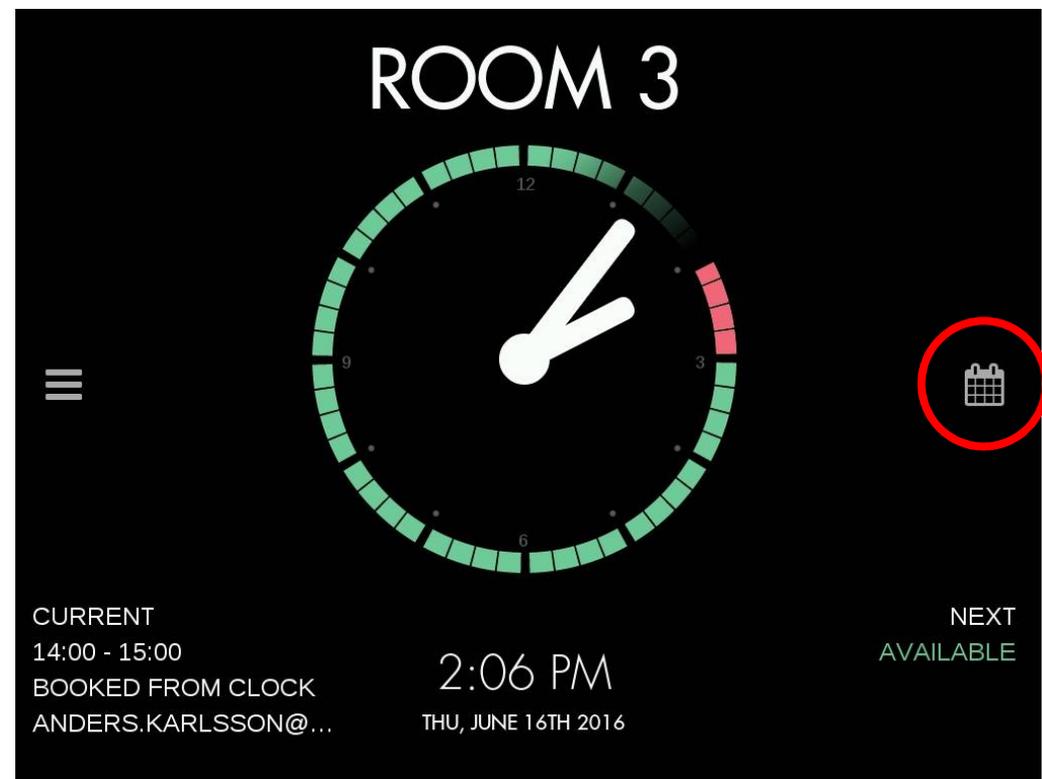
- Just press the border of the clock for the meeting you want to edit, and the purple section will light up
- Adjust the start/end time by dragging the end points of the purple section, or press the red "X" in the center of the clock to end/remove the meeting



# Using the Calendar

Booking a meeting

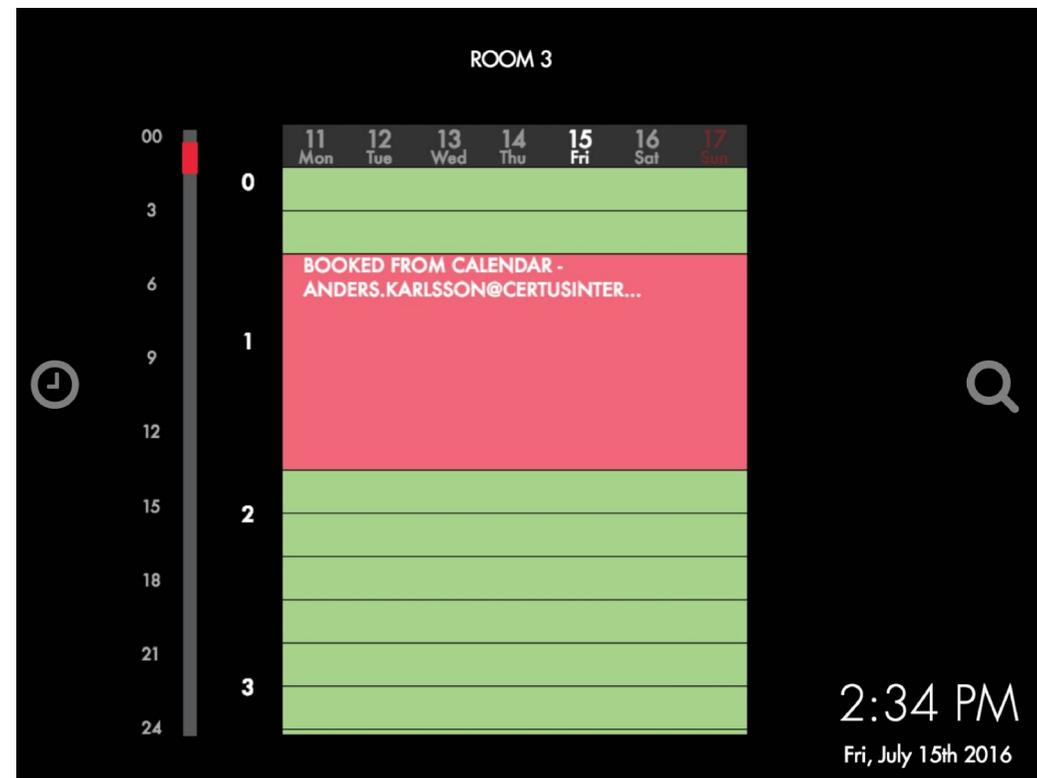
- You reach the Calendar view by clicking the calendar icon to the right of the clock



# Using the Calendar

## Booking a meeting

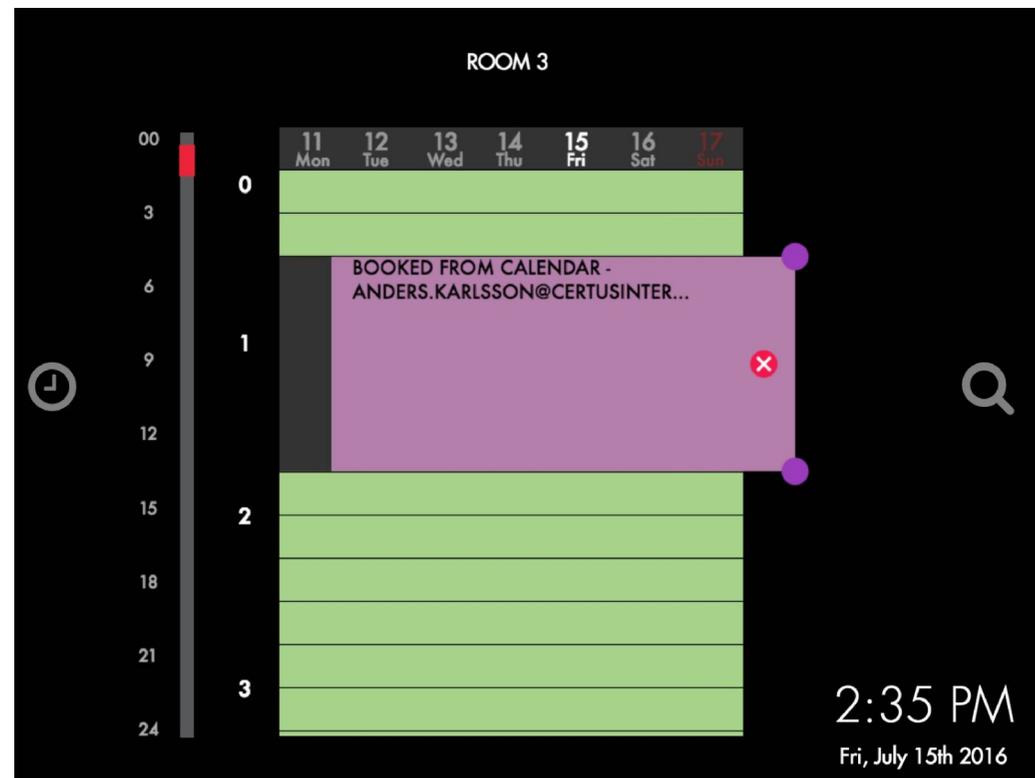
- Here you can see an overview of the day
- The day shown can be adjusted on the top and the time shown to the left
- Click on the calendar to add a meeting



# Using the Calendar

## Editing a meeting

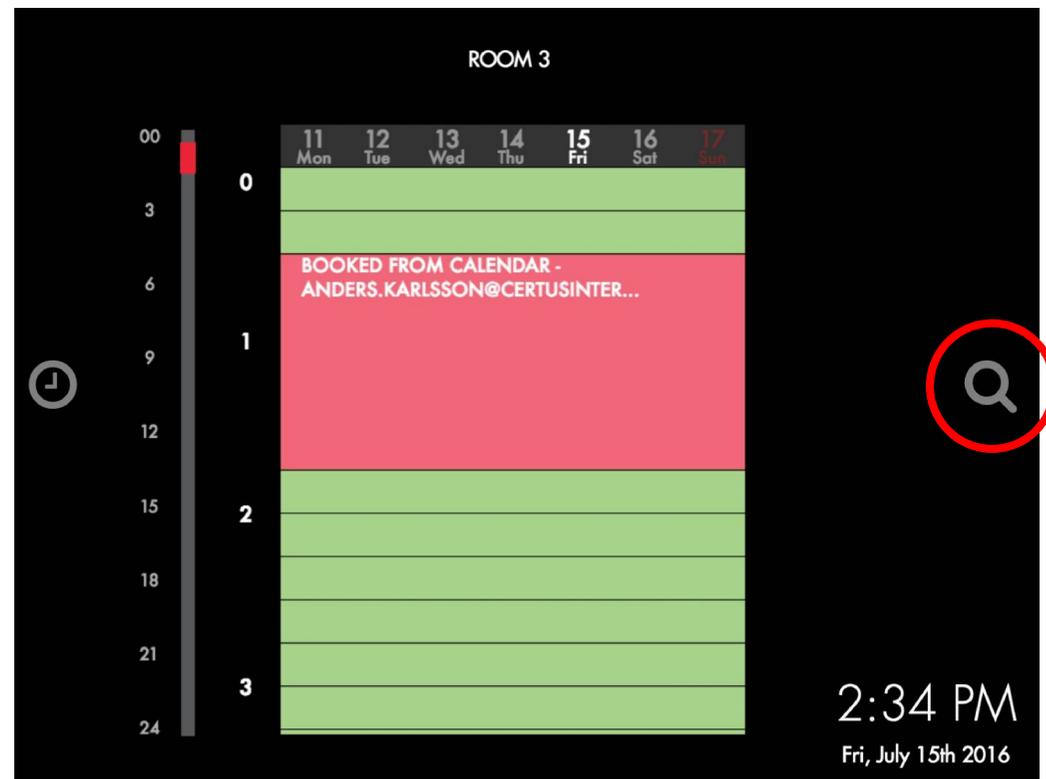
- To edit a meeting from this screen, just select the meeting by tapping on it
- The meeting will be come purple to show it can be edited
- Simply drag the purple endpoints to adjust the time, or press the red "X" to cancel the meeting



# Using the Room Finder

Finding a room based on location, availability, size and equipment

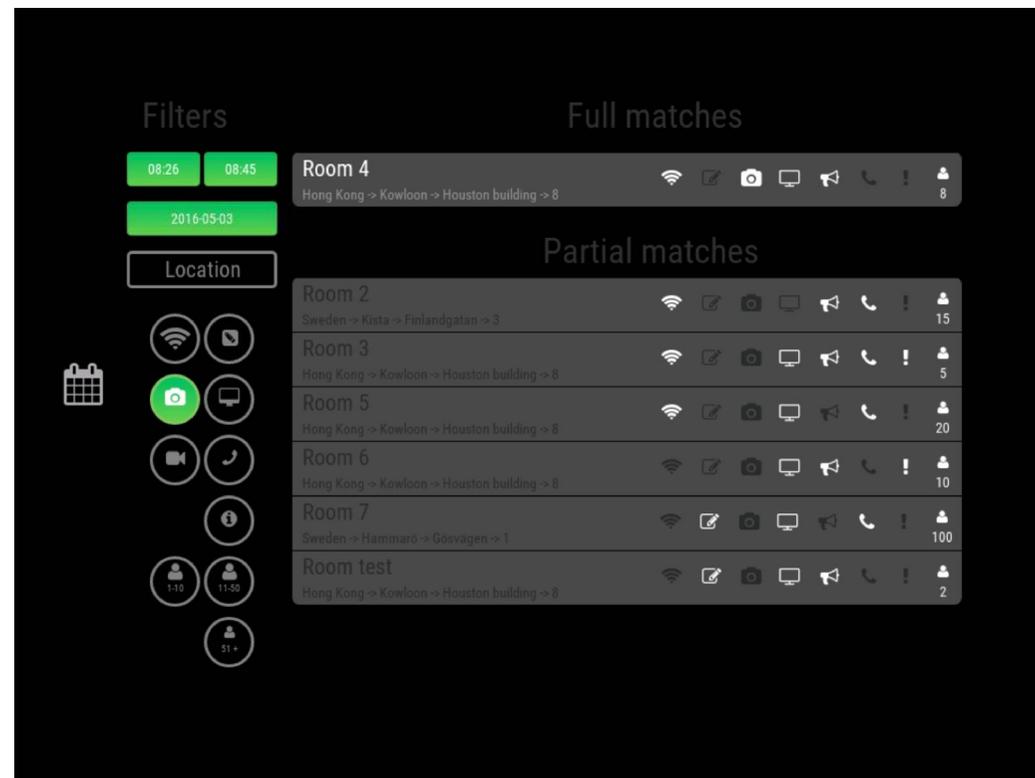
- From the calendar view click, the magnifying glass to access the Evoko Liso Room Finder



# Using the Room Finder

Finding a room based on location, availability, size and equipment

- In the Room Finder you can easily find and book the perfect room for your needs
- Select a date, time and location and apply filters for room size and equipment
- Then book it directly from the Evoko Liso



# Checking-in

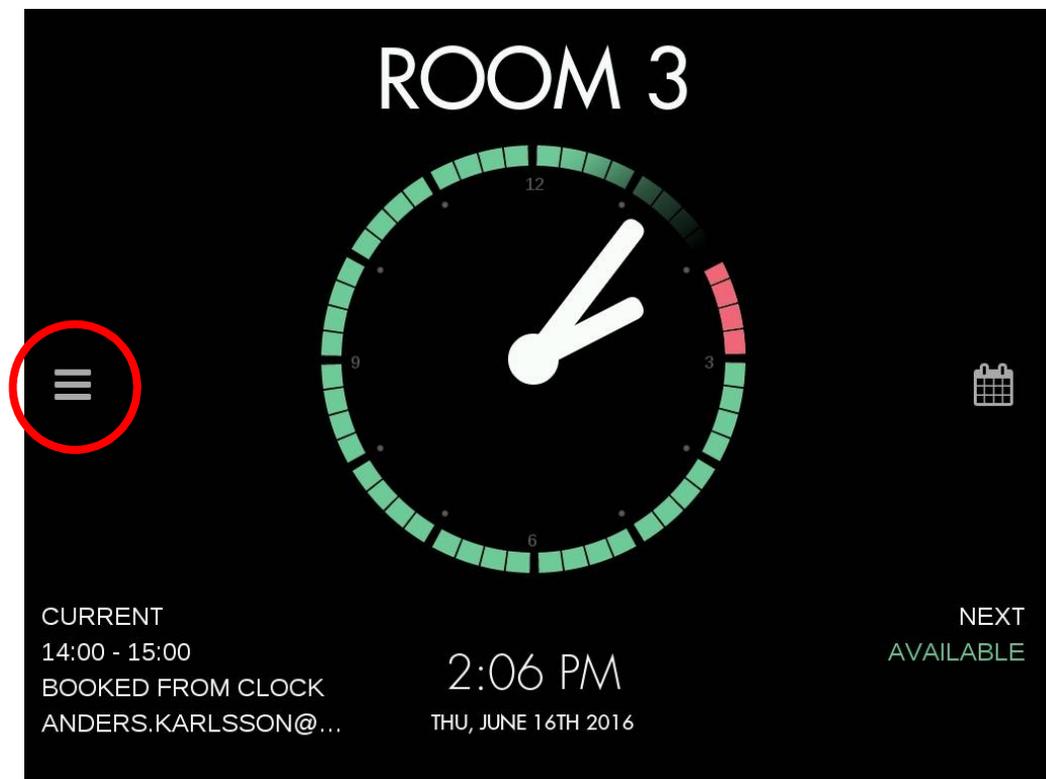
Use the check-in function to free up rooms where no-one shows up for the booking

- Optional feature per room
- If turned on, you set the time limit (5-30 min) for how long either the organizer, a meeting participant or anyone has to press the CHECK IN button on the screen
- If the button isn't pressed 5 min before the time runs out, a warning email will be sent to the organizer
- If still not pressed when the time limit runs out, Evoko Liso will end the meeting automatically, freeing up the room for someone else to use



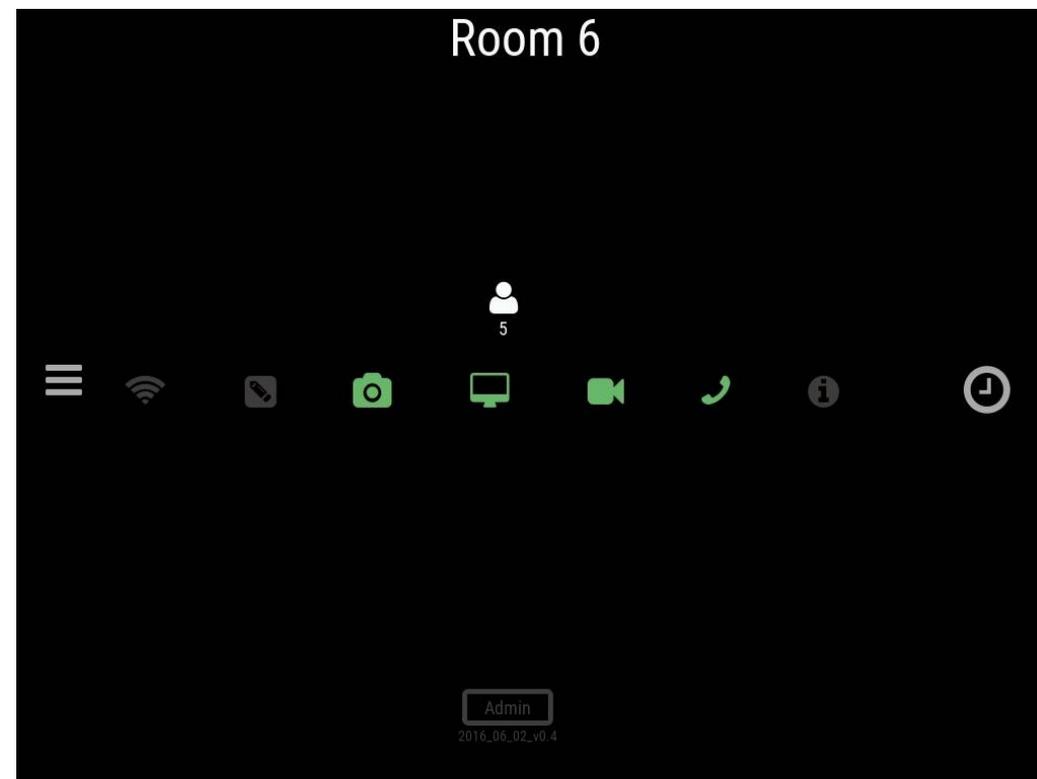
# Report room equipment issues

- Go to the left most screen on the Evoko Liso



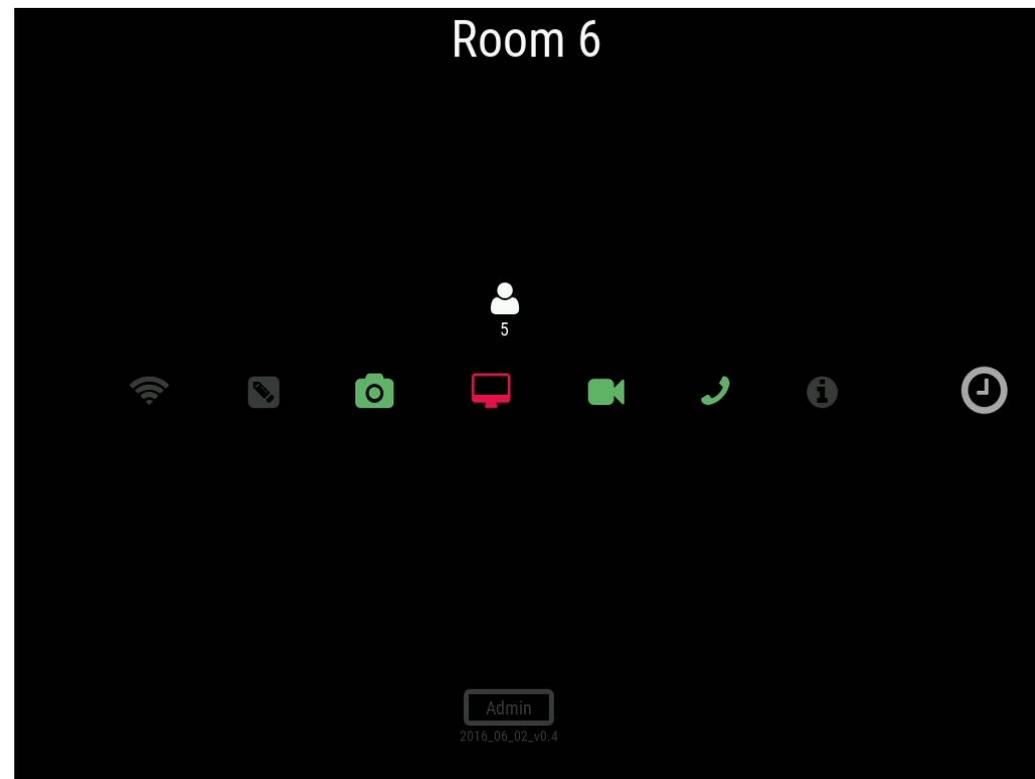
# Report room equipment issues

- There you can see a list of all equipment that is available in the room



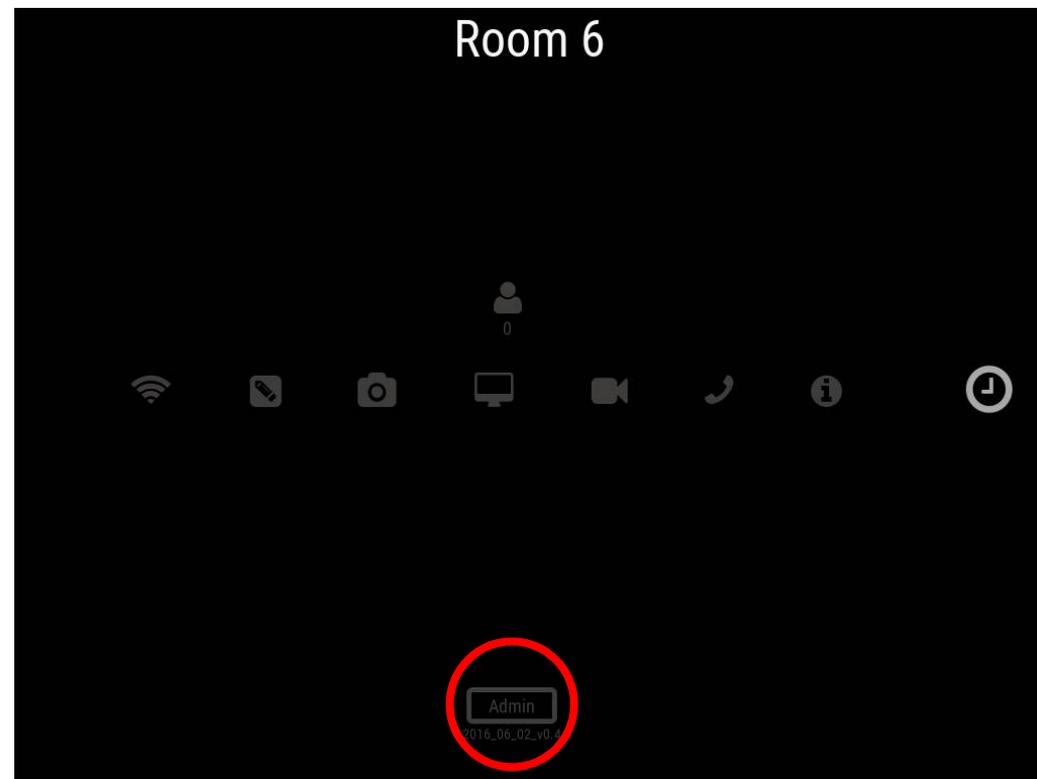
# Report room equipment issues

- To report issue with equipment, just press one of the icons and after optional PIN authentication, the equipment is marked red (broken)
- After the equipment has been repaired, and administrator can go to device and press the red equipment. After entering a valid PIN code, the equipment is again marked as green (working)



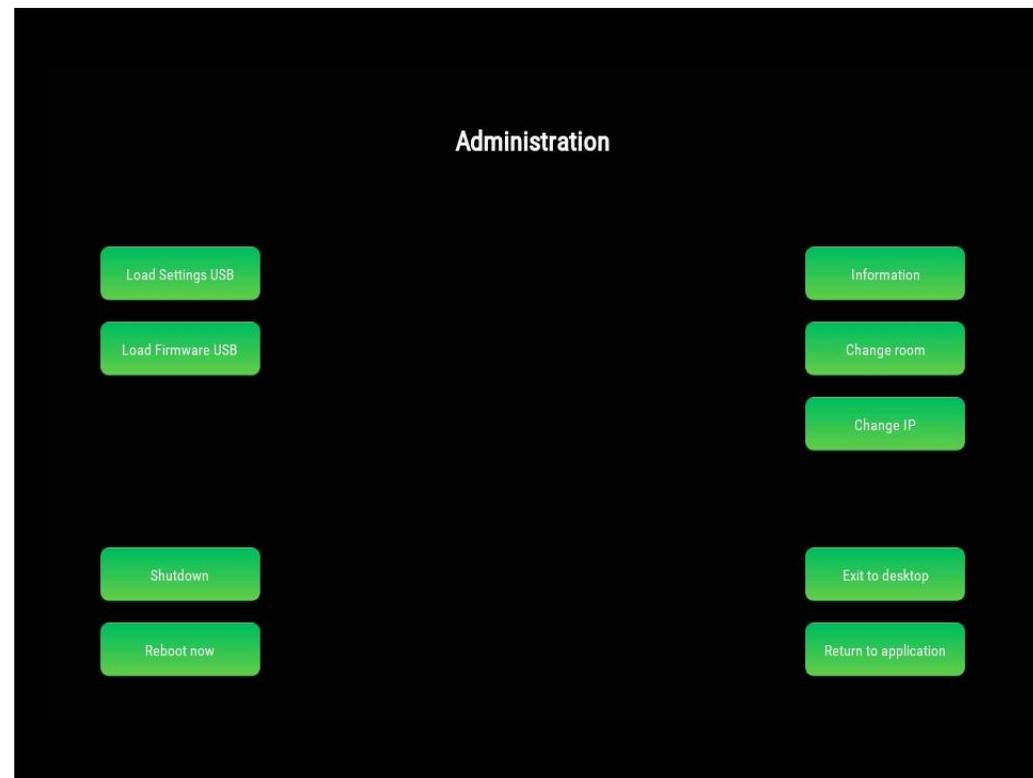
## The Administrator panel

- To enter the Administration panel, go to the left screen containing the equipment list for the room and press the Admin button
- After entering a correct admin PIN code, the Administration screen will be shown



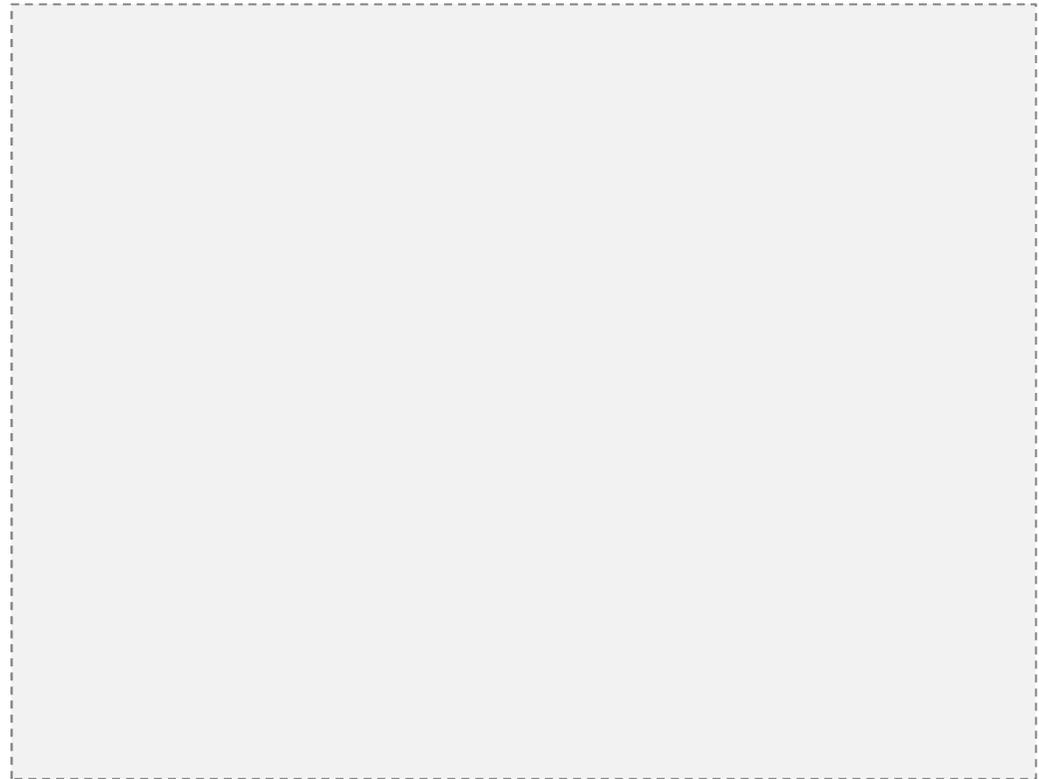
# The Administrator panel

- From the Administrator panel you can:
  - Shutdown the device
  - Reboot the device
  - Change Evoko Home connection
  - Change which room is displayed
  - Exit to desktop
  - Update configuration via USB
  - See Device information
  - Do a Firmware upgrade



## Demo mode

- An "offline" demo mode which can be used to show how the unit works without a network connection will be made available shortly

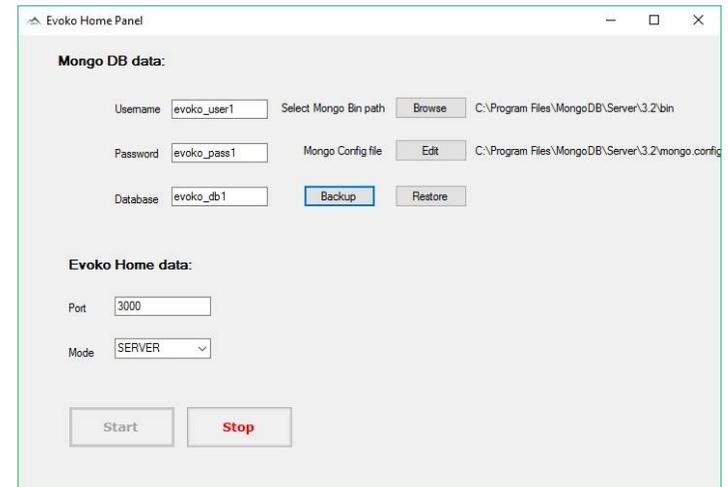


06

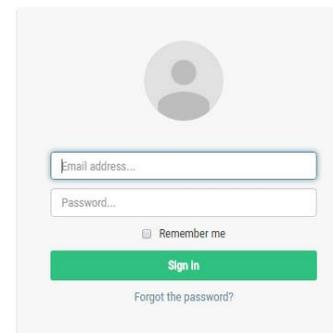
## HOME INTRODUCTION

# Introduction

- Evoko Home is the server application used to connect to the booking system and manage the Liso devices
- It can be installed on either a Linux or Windows machine - in the cloud or on-premises
- The Evoko Home application is launched through the Evoko Home Panel, but to use the application you log in via via a web browser



## Welcome to Evoko Home



# Room Overview

- In the Room Overview you can
  - Import room lists
  - Manually add rooms
  - Activate/Deactivate rooms
  - Edit room settings
  - Remove rooms
- There is also a Meeting Overview section where you can get an overview of all booked meetings for the listed rooms

## Rooms Overview

[+ Create room](#)

[📄 Import rooms](#)

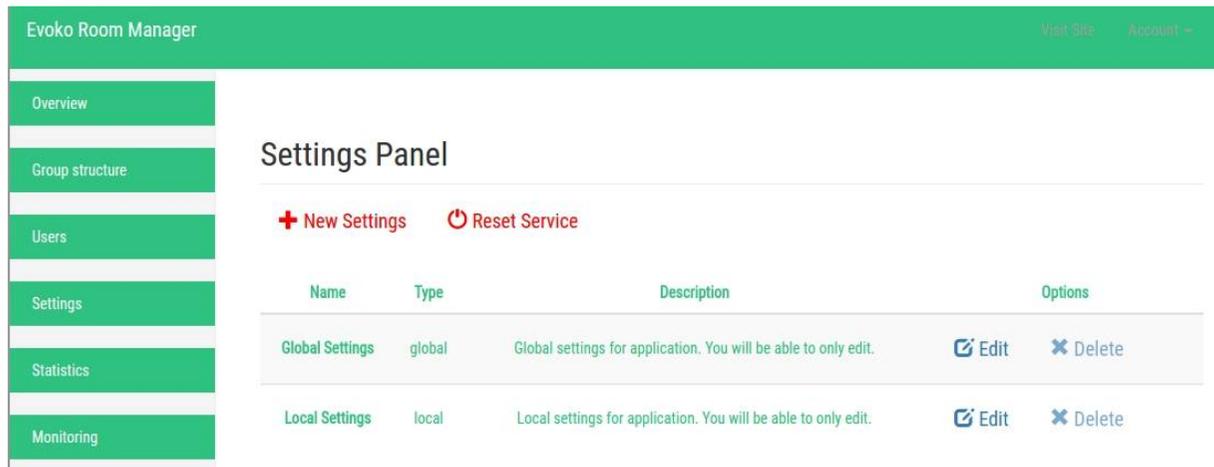
Name	Location	Mail	Active	Edit	Remove
Room 1	room1@certusinternational.onmicrosoft.com	room1@certusinternational.onmicrosoft.com	<input type="checkbox"/>	<a href="#">✎</a>	<a href="#">✖</a>
Room 2	room2@certusinternational.onmicrosoft.com	room2@certusinternational.onmicrosoft.com	<input type="checkbox"/>	<a href="#">✎</a>	<a href="#">✖</a>
Room 3	room3@certusinternational.onmicrosoft.com	room3@certusinternational.onmicrosoft.com	<input type="checkbox"/>	<a href="#">✎</a>	<a href="#">✖</a>
Room 4	room4@certusinternational.onmicrosoft.com	room4@certusinternational.onmicrosoft.com	<input type="checkbox"/>	<a href="#">✎</a>	<a href="#">✖</a>
Room 5	room5@certusinternational.onmicrosoft.com	room5@certusinternational.onmicrosoft.com	<input type="checkbox"/>	<a href="#">✎</a>	<a href="#">✖</a>
Room 6	room6@certusinternational.onmicrosoft.com	room6@certusinternational.onmicrosoft.com	<input type="checkbox"/>	<a href="#">✎</a>	<a href="#">✖</a>
Room 7	room7@certusinternational.onmicrosoft.com	room7@certusinternational.onmicrosoft.com	<input type="checkbox"/>	<a href="#">✎</a>	<a href="#">✖</a>
Room test	roomtest@certusinternational.onmicrosoft.com	roomtest@certusinternational.onmicrosoft.com	<input type="checkbox"/>	<a href="#">✎</a>	<a href="#">✖</a>

# Room Settings

Global & Local settings

The settings are organized in two parts;

- **Global settings:** Settings that are common for all devices
- **Local settings:** Settings that depend on where the devices are located

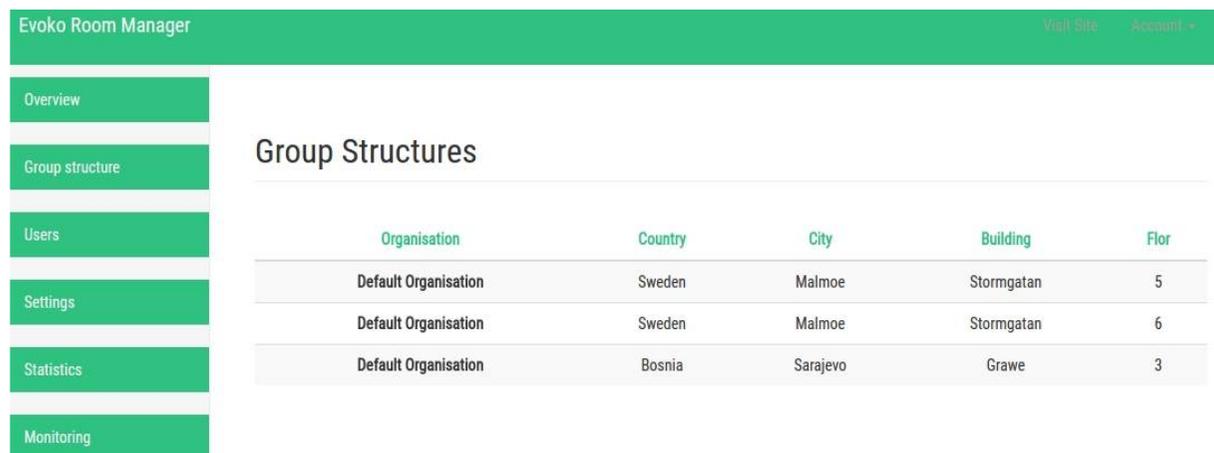


Name	Type	Description	Options
Global Settings	global	Global settings for application. You will be able to only edit.	<a href="#">Edit</a> <a href="#">Delete</a>
Local Settings	local	Local settings for application. You will be able to only edit.	<a href="#">Edit</a> <a href="#">Delete</a>

# Room Settings

## Room Groups

- By default, there is only a Global settings which will apply for all connected devices
- If you would like to have different Local settings, you can organize the rooms in Groups to which you can change specific settings and assign rooms. Each group contain information about organization, country, city, floor and building



The screenshot shows the 'Evoko Room Manager' interface. On the left is a navigation menu with options: Overview, Group structure, Users, Settings, Statistics, and Monitoring. The 'Settings' option is currently selected. The main content area is titled 'Group Structures' and displays a table with the following data:

Organisation	Country	City	Building	Floor
Default Organisation	Sweden	Malmoe	Stormgatan	5
Default Organisation	Sweden	Malmoe	Stormgatan	6
Default Organisation	Bosnia	Sarajevo	Grawe	3

# Room Settings

## Global settings

- In the Global settings you set two types of settings;
  1. System settings, such as NTP server, number of digits for the PIN codes, date/time format and if the installation should be set up as a single organization or with hierarchies (needed if Local settings will be applied)
  2. Room/device settings that will be used on all rooms where no Local settings have been set

The screenshot shows the 'Global Settings' configuration page. It features a grid of input fields and dropdown menus for various system parameters. The settings are organized into several sections: 'Settings Name' (Global Settings), 'NTP Server IP' (0.europe.pool.ntp.org), 'PIN' (4 Digits), 'DateTime Format' (YYYY-MM-DDThh:mm), 'Email' (anders.karlsson@certusi), 'Organisation' (Default Organisation), 'Security Key' (4645645-458465-5454645-545454), 'Group Structure' (Hierarchy selected), 'Authentication' (PIN selected), 'Country' (Name of Country), 'City' (Name of City), 'Building' (Name of Building), and 'Floor' (Number of Floor). A plus sign icon is visible next to the Floor field. A share icon is located in the top right corner of the settings area.

Settings Name:	NTP Server IP:	PIN:	DateTime Format:	Email:
Global Settings	0.europe.pool.ntp.org	4 Digits	YYYY-MM-DDThh:mm	anders.karlsson@certusi
Organisation:				Password:
Default Organisation				.....
Security Key:	Group Structure:		Authentication:	
4645645-458465-5454645-545454	Hierarchy <input checked="" type="radio"/> Organisation		PIN <input checked="" type="radio"/> RFID	
Country:	City:	Building:	Floor:	
Name of Country	Name of City	Name of Building	Number of Floor	

# Room Settings

## Local settings

- Local settings will override the Global settings for all rooms that are included in the Group(s) the local settings are assigned to
- The Local settings include check-in time limit, Time zone and settings on which functions that should be enabled on the Evoko Liso devices, and if these functions should require authentication with PIN or RFID, as well as what information should be displayed on the screen

### Edit Local Settings ✎

<p><b>Display information:</b>  <input checked="" type="checkbox"/> Organizer <input checked="" type="checkbox"/> Subject <input checked="" type="checkbox"/> Participant</p> <p><b>Email reminder:</b>  <input type="radio"/> Enabled  <input checked="" type="radio"/> Disabled</p>	<p><b>Confirm meeting duration:</b>  <input checked="" type="radio"/> 5min <input type="radio"/> 10min <input type="radio"/> 15min <input type="radio"/> 20min <input type="radio"/> 25min</p> <p><b>Time Zone:</b>  <input type="text" value="Europe/London"/></p> <p><b>Settings Name:</b>  <input type="text" value="Local Settings"/></p> <p><b>Language:</b>  <input type="text" value="English"/></p>	
<b>Equipment</b>		
<p><b>Report from screen:</b>  <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled</p>	<p><b>Require authentication:</b>  <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled</p>	<p><b>Access:</b>  <input checked="" type="radio"/> Anyone <input type="radio"/> Organizer <input type="radio"/> Participants</p>
<b>Booking settings</b>		
<p><b>Book from screen:</b>  <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled</p>	<p><b>Require authentication:</b>  <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled</p>	<p><b>Access:</b>  <input checked="" type="radio"/> Anyone <input type="radio"/> Subset of users</p>
<b>End Meeting settings</b>		
<p><b>End from screen:</b>  <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled</p>	<p><b>Require authentication:</b>  <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled</p>	<p><b>Access:</b>  <input checked="" type="radio"/> Anyone <input type="radio"/> Organizer <input type="radio"/> Participants</p>
<b>Extend Meeting settings</b>		
<p><b>Extend from screen:</b>  <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled</p>	<p><b>Require authentication:</b>  <input type="radio"/> Enabled <input checked="" type="radio"/> Disabled</p>	<p><b>Access:</b>  <input checked="" type="radio"/> Anyone <input type="radio"/> Organizer <input type="radio"/> Participants</p>
<b>Confirm Meeting settings</b>		
<p><b>Confirm from screen:</b>  <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled</p>	<p><b>Require authentication:</b>  <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled</p>	<p><b>Access:</b>  <input checked="" type="radio"/> Anyone <input type="radio"/> Organizer <input type="radio"/> Participants</p>

# Users

- From the Users menu, you can import user lists from the booking system, manually create users, edit user information and delete users
- Here you can also reset user passwords and send the PIN codes to the users

Users Panel

[Create user](#) [Import users](#) [Send Pins](#) [Change password](#)

Email	Full Name	PIN	Type	Edit	Reset password	Send Pin	Delete
<a href="mailto:anders.karlsson@certusinternational.onmicrosoft.com">anders.karlsson@certusinternational.onmicrosoft.com</a>	anders.karlsson	3127	Admin		Reset password		
<a href="mailto:User123@certusinternational.onmicrosoft.com">User123@certusinternational.onmicrosoft.com</a>	User User		User				
<a href="mailto:test007@certusinternational.onmicrosoft.com">test007@certusinternational.onmicrosoft.com</a>	test test		User				

# Statistics

- In the Meeting Room Report you get an overview of how all of your meeting rooms are being used, both on a global, group and room level
- From the statistics tab you can also export the full statistical data to create customized reports and dig deeper into the data



# Monitor & Upgrade

- In the Monitoring tab you get a preview of all Evoko Liso devices that are or were connected to the service. Here you can get real-time information about the devices' status and get detailed information about each device
- You can also remotely upgrade the devices with new software (instant or scheduled upgrades / all or only selected rooms)

## Device details

<a href="#">Back</a> <a href="#">Send logs</a>	
Device MAC	f2:10:e9:f4:dd:01
Room name	Room 1
Firmware version	2016_04_03_v0.1
Status	Offline
Status logs	<a href="#">Show status logs</a>
Kernel logs	<a href="#">Show kernel logs</a>
Evoko logs	<a href="#">Show evoko logs</a>
Boot logs	<a href="#">Show dmesg logs</a>
Upgrade	<a href="#">Upgrade this device</a>

# Specifications

## Evoko Home requirements

### System requirements

- Windows or Linux OS based machine
  - on-premises or cloud based
- Minimum single core CPU, 2GB RAM, 8GB storage to run the server
- Free and accessible port that can be used by Evoko Home for communication with Evoko Liso using Meteor DDP protocol and for access to web application
- The system must be set up so that http (port 80) or https (443) is allowed between Evoko Home and the calendar service using EWS for Exchange or other API endpoint depending on environment
- To enable Evoko Home to receive push notifications from the Exchange server the Exchange server must be able to get direct access to Evoko Home
- Access to NTP server
- Large installations and/or heavy utilization of the Evoko Booking feature will require additional CPU, RAM and storage

### Additional info

- Secured and fused bootloader to prevent unauthorized firmware installation
- Support for modern cipher technology
- Private and encrypted data transfer
- Bandwidth efficient socket connection using DDP
- Automatic import of rooms and users available
- Real time monitoring and logging
- Scheduled remote upgrade

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# EVOKO

Meetings Made Magnificent

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[www.evoko.se](http://www.evoko.se)