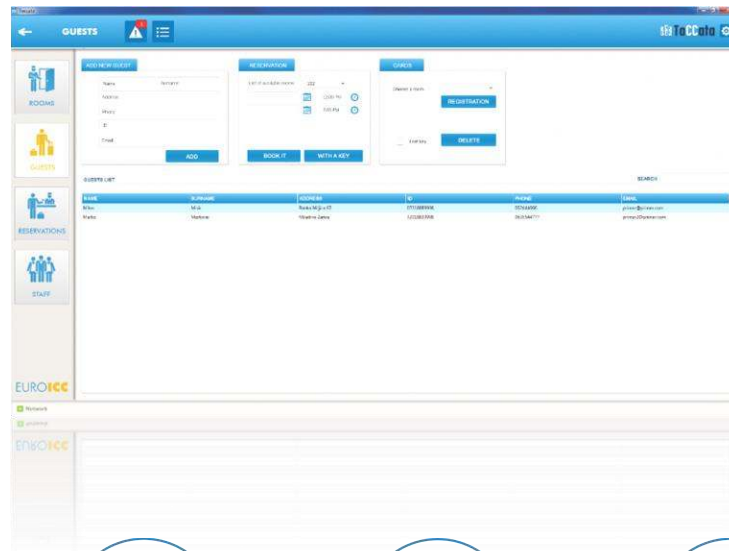




Manage your hotel
better with
ToCCata

What is ToCCata?

ToCCata is a Room management system (RMS) application which incorporates room monitoring and control. ToCCata represents a scalable and modular system which provides real-time monitoring of numerous events such as door state, room fan speed, presence in the room and temperature measurements.



ROOM
MONITORING



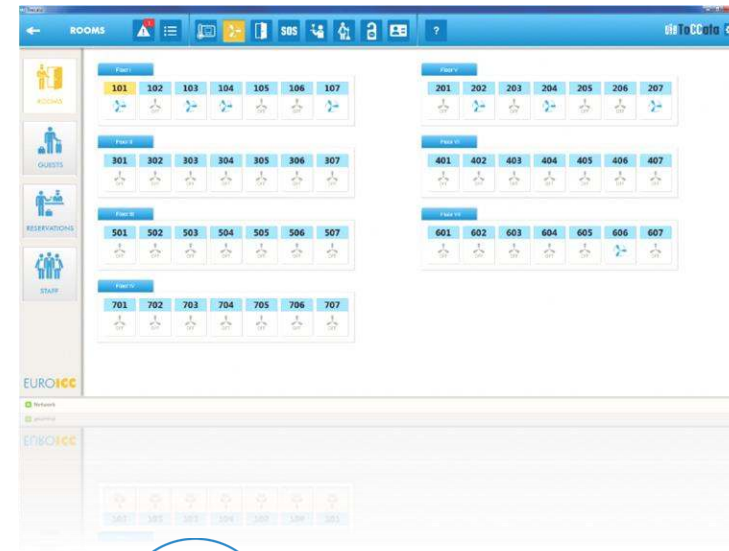
ROOM
MANAGEMENT



STAFF
MANAGEMENT



PMS
INTEGRATION



Why Use ToCCata?

ToCCata YOUR HOSPITALITY PARTNER



ENERGY EFFICIENCY



GUEST COMFORT



MODERN DESIGN



INTUITIVE



MODULAR

ToCCata
has
numerous
features

Monitors the status of the room

Supports seasonal programming of temperature settings

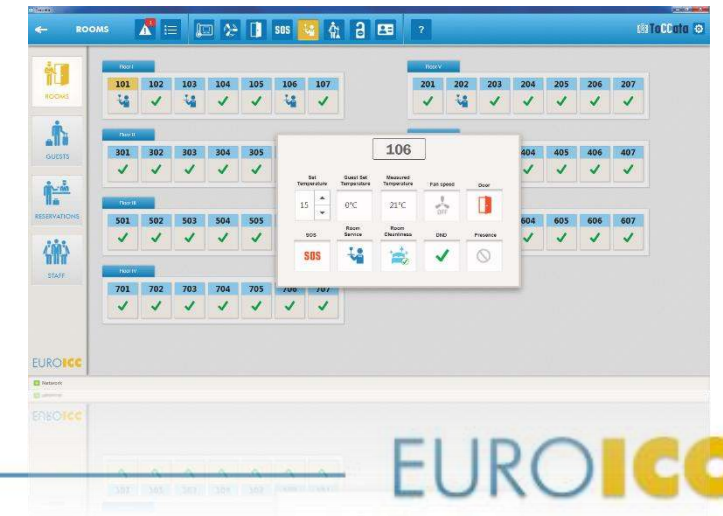
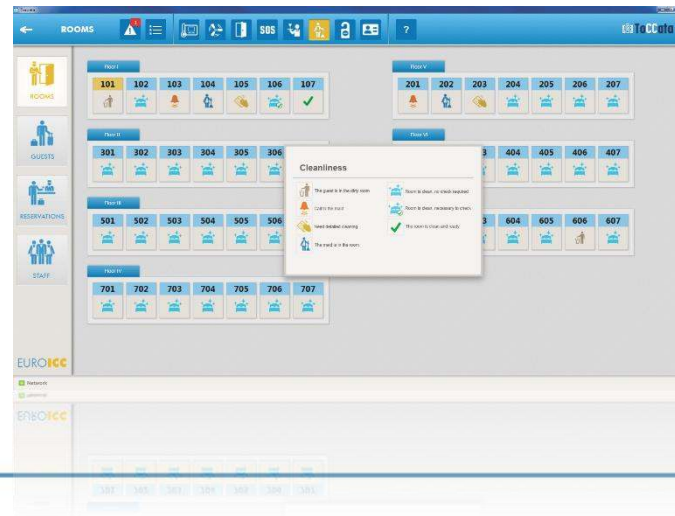
Supports encoding keycards for guests and staff

Possesses integrated alarm system which tracks all emergencies

System log tracks all events in the hotel

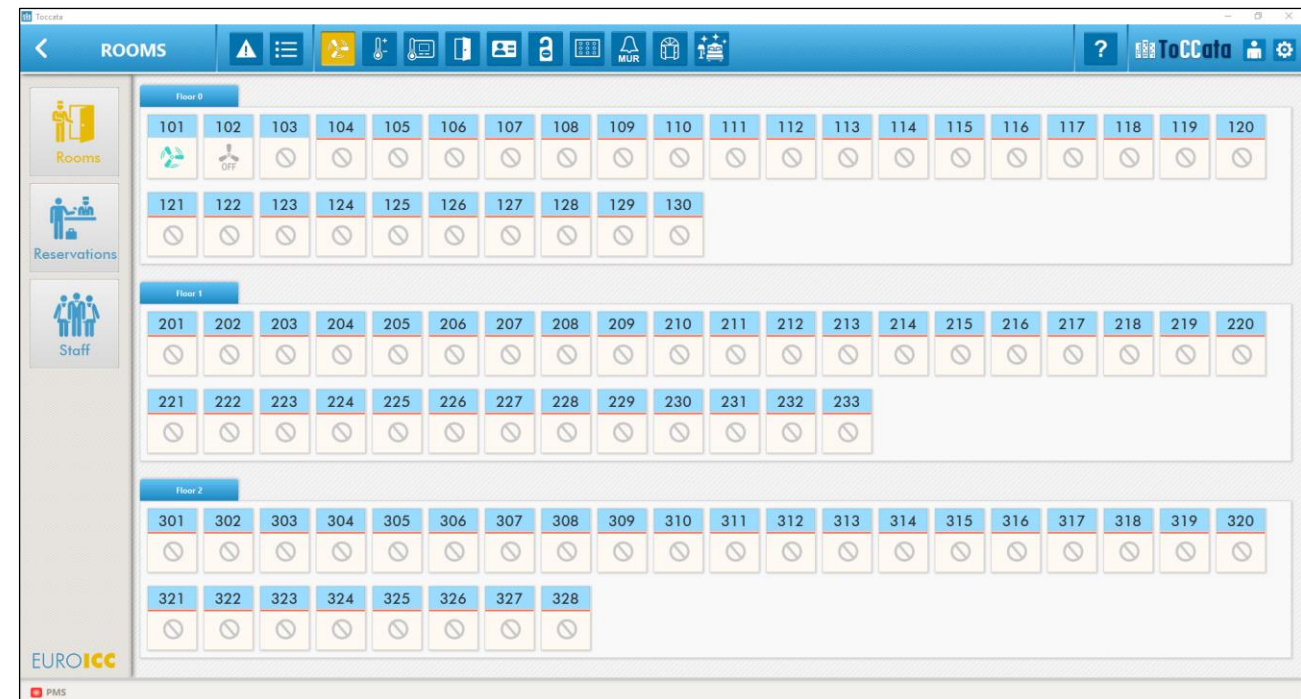
Provides staff management module

Supports integration with other systems



ToCCata – Room monitoring

- ToCCata is real time monitoring system. It shows current state for each room. It is scalable system so future hotel expansion requires minimal effort in system configuration.
- List of monitored functions can be customized. Some of usual monitored functions are:
 - Room status(Assigned room, Unassigned room, Room out of order, Room without communication)
 - Clean up my room, Do Not Disturb services
 - Room occupancy
 - AC parameters(Set point temperature, Actual room temperature, Fan speed)
 - Sensor status(Door, Window, PIR,...)
 - Alarm status(SOS, Fire, Flood,...)
 - Cleanliness
- Using above information energy efficiency and guest comfort is improved.
- Filter selection provides easy navigation.



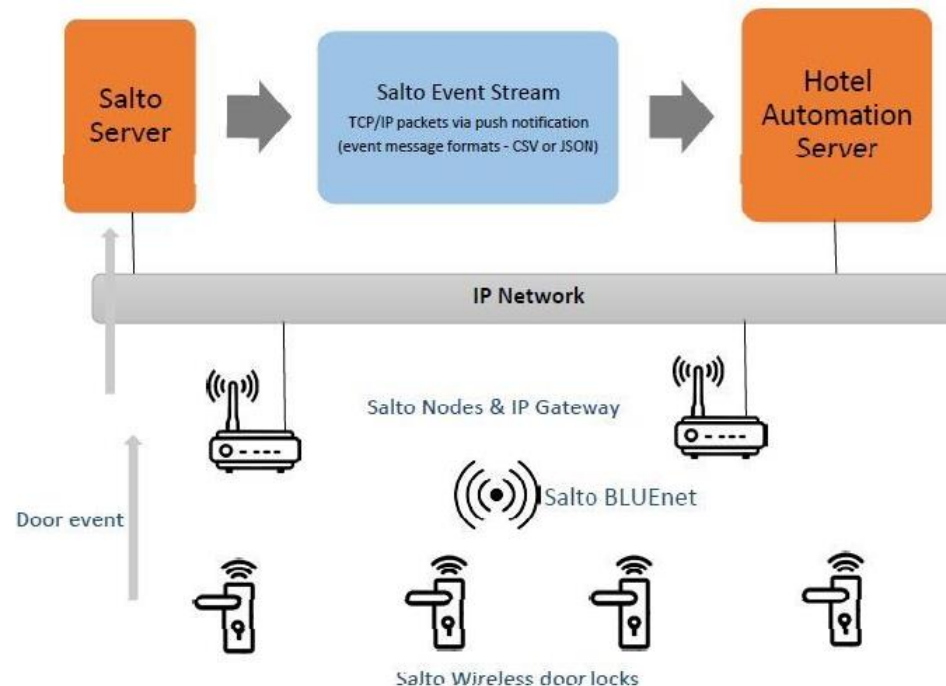
Room Controls – Access Control EuroICC

- Access control uses RFID cards with unique ID code. There are three types of cards:
 - Guests
 - Maintenance
 - Admin
- Each usage of the card is registered and sent to monitoring computer.
- Maintenance cards types can be further divided into cards for cleaning ladies, handymen, doormen, with different usage rights.
- When a card is issued its ID is sent to the room controller and saved in controller memory.
- Beside regular cards, temporary cards can be issued also



Room Controls – Access Control Salto

- ToCCata supports first level of integration with Salto door lock systems.
- It is achieved via Server-to-Server integration.
- There are numerous of supported operations.
- Proven in practice.



SALTO
inspired**access**

Room Controls – Property Management system integration

- ToCCata supports integration with following PMS systems:

- Mews
- Previo
- Oracle
- Protel



- Different types of integration(Server-to-Server, websocket)

- Supported actions:

- Room check in
- Room check out
- Room sharing
- Room move...

- Card issuing according to reservation list

- PMS communication status

RESERVATIONS

Search rooms

Rooms

308
501
502
601

RESERVATIONS

Koehler, Andreas -- 2020-06-08 --> 2020-06-09

Write
Lost

CARDS

Lost key
Invalidate
Read

RESERVATIONS

Guest	Room	From	To	Active	Sharing
White, John	501	2020-05-01	2020-05-03	No	No
Walker, Sarah	308	2020-06-01	2020-06-11	No	No
Ashley, Adam	601	2020-10-05	2020-10-09	No	No
Koehler, Andreas	102	2020-06-08	2020-06-09	No	No

EUROICC

PMS

1.9.2

Room Controls – Building Management system integration

- ToCCata supports open BACnet IP communication protocol which allows communication with different Building Management systems(VRV, VRF, different local systems).
- Embedded system named ToCCata configurator allows fast and easy integration.
- Integration with Daikin system is established via BACnet IP gateway. Every local unit is mapped in ToCCata.



ToCCata – Parameters

- ToCCata provides option to set up necessary parameters for proper room functionality, manage groups of rooms and set up scheduler for each parameter.
- Using scheduler function certain hotel tasks can be automated.

Settings

Info General User registration **Parameters**

Global parameters value

SEASON - 0 +

Last value set (+1 ~ +2)

Invalid value Set

Apply Globally in every room Manage groups

Apply ☒ immediately ☐ at a set time and date

☒ Show only for the selected parameter

parameter	time	date	value	Cancel
SEASON	07:00	22-2-2022	2	Cancel

Save Cancel

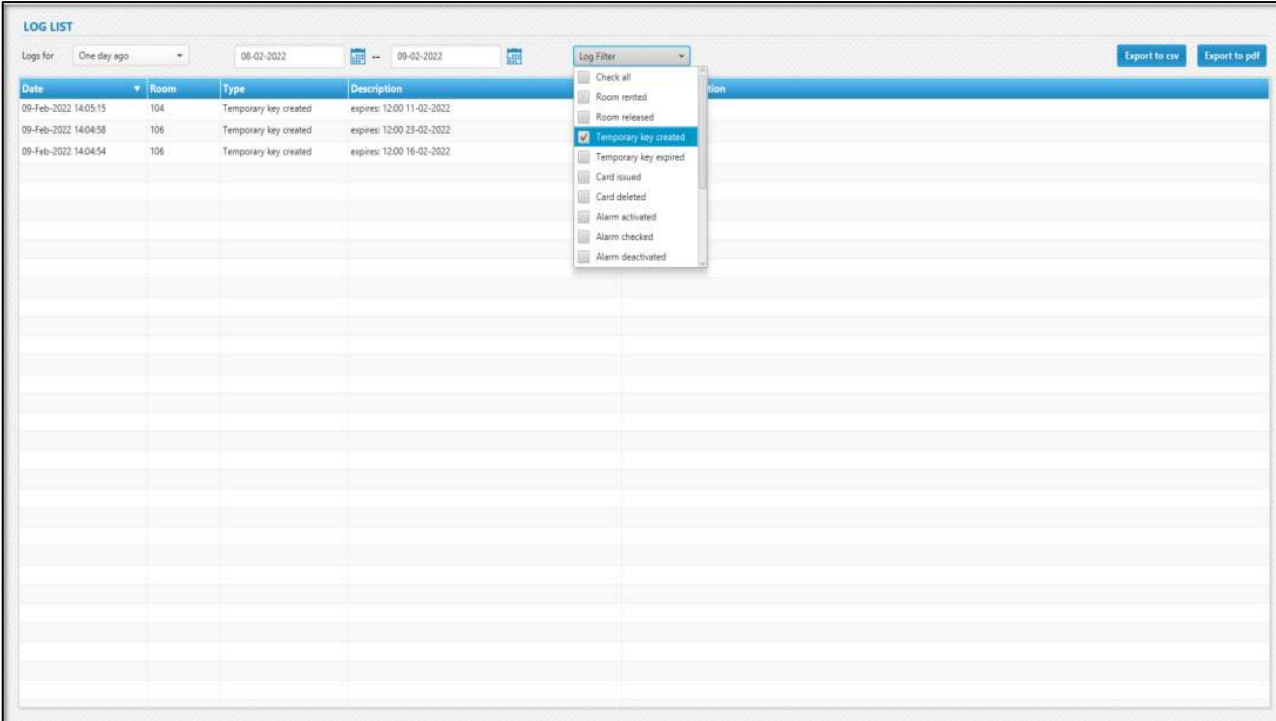
ToCCata – Log tracks

- ToCCata uses integrated function to log required information during the hotel lifetime. Embedded events are:

- Room rented
- Room released
- Temporary key created
- Temporary key expired
- Card issued
- Card deleted
- Alarm activated
- Alarm checked
- Alarm deactivated
- Value monitoring
- Room access
- Room access failure
- Room communication error
- PMS communication has been lost
- PMS communication has been established

- Export is supported in .csv and .pdf format.

- Filter selection provides easy navigation.



The screenshot displays the 'LOG LIST' interface. At the top, there are filters for 'Logs for' (set to 'One day ago'), a date range from '08-02-2022' to '09-02-2022', and buttons for 'Export to csv' and 'Export to pdf'. A 'Log Filter' dropdown menu is open, showing a list of event types with checkboxes. The table below has columns for 'Date', 'Room', 'Type', and 'Description'. The first three rows of data are visible.

Date	Room	Type	Description
09-Feb-2022 14:05:15	104	Temporary key created	expires: 12:00 11-02-2022
09-Feb-2022 14:04:58	106	Temporary key created	expires: 12:00 23-02-2022
09-Feb-2022 14:04:54	106	Temporary key created	expires: 12:00 16-02-2022

[illegible]

ToCCata – Configurator

- ToCCata Configurator is an online web tool designed for easy configuration of hotel system.
- It allows integrator to prepare system in test environment before deployment and in that way save great amount of time on field.
- ToCCata configurator allows:
 - Adding new rooms
 - Editing room parameters
 - Defining room parameters function and their icons
 - Monitoring hotel communication efficiency
 - Editing Users
 - Configuration file export.

The screenshot displays the 'ToCCata Server Configurator' web interface. On the left is a vertical sidebar with navigation buttons: Rooms, Rooms Communication, Parameters, Area Controller Parameters, Fixed Parameters, Users, Mews, Daikin, BMS, Salto, and Hoteza. The main content area is titled 'ROOMS' and features a form on the left for adding or editing a room, and a table on the right for managing existing rooms.

Room Form Fields:

- Room Number:
- Floor Number:
- Floor Label:
- Network Number:
- Instance Number:
- Add Room** button
- Import from XML** button with a 'Browse...' file selector (currently showing 'No file selected.')

Room Management Table:

Upload UPG							
Export to XML					Backup to XML		
☐ Room Number	Floor All	Floor Label	Network Number All	Instance Number	UPG All	Online	Actions
☐ 101	2	1.Floor	1011	101	LC-BRNO	true	Edit Delete
☐ 102	1	1.Floor	1011	102	otel Room Controller	true	Edit Delete
☐ 103	1	1.Floor	1011	103	Hotel Room Controller stres	true	Edit Delete
☐ 104	1	1.Floor	1011	104	Hotel Room Controller stres	true	Edit Delete
☐ 105	1	1.Floor	1011	105	Hotel Room Controller stres	true	Edit Delete
☐ 106	1	1.Floor	1011	106	Hotel Room Controller stres	true	Edit Delete
☐ 107	1	1.Floor	1011	107	test fnc.33	true	Edit Delete
☐ 108	1	1.Floor	1011	108		false	Edit Delete
☐ 109	1	1.Floor	1011	109	Hotel Room Controller stres	true	Edit Delete

Reference



**Thank you for your attention.
Any questions?**

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