



LOXONE



About Us

Loxone develops intelligent automation and control solutions, relying on advanced hardware and software



2009
Founded



650+
Employees



27+
Locations



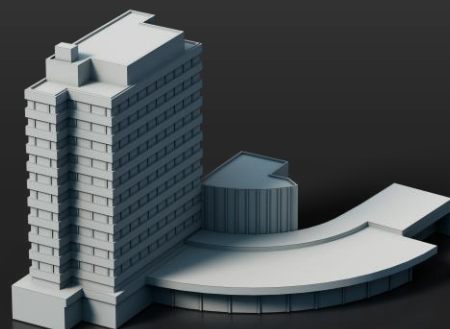
27,000+
Partners



100+
Countries



300,000+
Projects



Why Loxone?



Scalable solution



Integration with
External Devices



Energy Saving



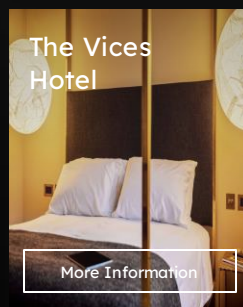
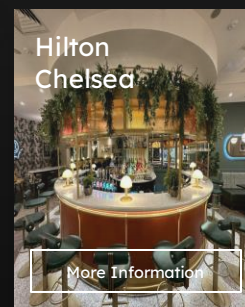
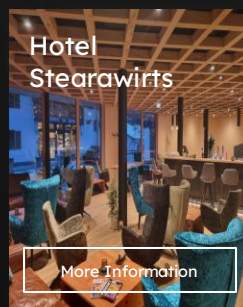
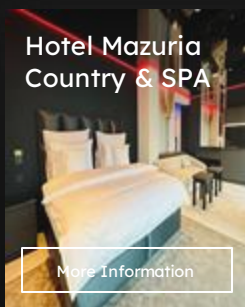
Management of the
entire building



Information on
incidents



Remote Access



Room Control

Main functionality

Loxone ensures that guests have a good experience from the moment they enter the hotel or room for the first time until they leave.

Central Functions

- ⚡ Communication between rooms.
- ⚡ Information on room occupancy.
- ⚡ Modification of temperature, schedules and par a meters.
- ⚡ Acoustic detection of presence or danger in case of night noise.
- ⚡ Statistics and data recording.
- ⚡ Automatic alerts and system maintenance.
- ⚡ Warning of unusual system behaviour.
- ⚡ Efficient operation to reduce energy costs.

Room Functions

- ⚡ Switching power on and off according to presence.
- ⚡ Lighting control according to brightness level.
- ⚡ Climate control taking into account presence, window status and schedule.
- ⚡ Audio system control.
- ⚡ Flat access control.
- ⚡ Communication with the hotel management system ensures smooth check-in, cleaning and check-out.

Security

- ⚡ Burglar alarm alerts when doors and windows are opened, or motion is detected.
- ⚡ Fire detection due to a sudden temperature rise.
- ⚡ Acoustic and visual warning signals in case of danger.
- ⚡ Multi-stage alarms.
- ⚡ Panic Button.

Example: all intelligent room functions such as lighting, audio system, and climate control are automatically reset to user-defined values after check-out.



Additionally...

Statistics

- ⚡ Statistics are generated to record trends and variables to help detect possible changes to increase efficiency and potential savings.
- ⚡ Statistics can be sent daily, weekly or monthly.

Visualisation

- ⚡ No licence and free software updates.
- ⚡ The visualisation system is available on all types of equipment.
- ⚡ It connects to the server, so you have full control of the installation at your fingertips from anywhere in the world.
- ⚡ An unlimited number of users can be created and managed by assigning customised permissions.

Remote Access

- ⚡ Ability to access the installation to monitor system performance and modify the configuration from anywhere in the world.

Notifications

- ⚡ The system notifies us immediately when any incident is detected. Sends important notifications via email, push notification, phone call.

Custom Rules

- ⚡ We can create these from within the app to customise the actions to be performed automatically on certain occasions. For example, decide which blinds should be raised in the morning and when, depending on the sunrise, the day, the time of day...

Scalable System

- ⚡ Once a project has been realised, it can always be easily extended. Thanks to the Miniserver and all the possibilities to communicate with other systems and devices, the necessary functions can be added at any time.



Control of Communal Areas

A single system to automate all installations in a hotel. Simple maintenance and control saves time, reduces costs and increases comfort. Rely on a future-proof solution.

Lighting

Schedules

- ⚡ Switching of lighting with freely adjustable times and modes.

Presence Detection

- ⚡ To save energy, the lighting will operate at a lower intensity. When presence is detected, it will automatically increase its intensity for better visibility.

Access Control

Entrance Doors

- ⚡ Control and status monitoring of entrance doors.

Climate

Optimal Temperature and Air Quality

- ⚡ CO2-based control and monitoring of air handling units.
- ⚡ Heating and Cooling Control

Audio

Multiroom audio

- ⚡ Independent music in parts of the hotel.
- ⚡ Background music in the corridors and hotel restaurant.
- ⚡ A solution that uses up to 70% less energy than conventional solutions.

Monitoring of Utility Consumption

Continuous Monitoring

- ⚡ Metering of electricity, heat, water and gas.
- ⚡ Built-in load balancing.
- ⚡ The system takes into account spot electricity prices.



Wellness & SPA Area

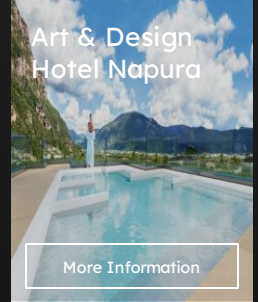
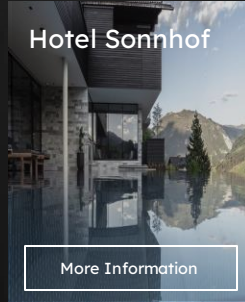
Complete Solution

Sauna

- ⚡ Possibility to control the sauna remotely.
- ⚡ Automatic temperature control.
- ⚡ LED lighting control.
- ⚡ Relaxing music to make your stay in the sauna more enjoyable.
- ⚡ Monitoring of open doors and windows.

Swimming Pool

- ⚡ Monitoring the operation of the control and measurement station.
- ⚡ Pool cover control.
- ⚡ Creating impressive lighting scenes.
- ⚡ Control of filter pumps and pool attractions.



Opportunities for the future: Central Hotel Control



Energy efficiency
Efficient climate control



Intelligent access solution



Shade control
Passive heating and cooling



Integration with PMS (Hotel
Management System)



Monitoring of doors and windows



Event notifications



Presence-based lighting and
climate control



Communication with other hotels
in the group



Central control of lighting,
climate and sound system



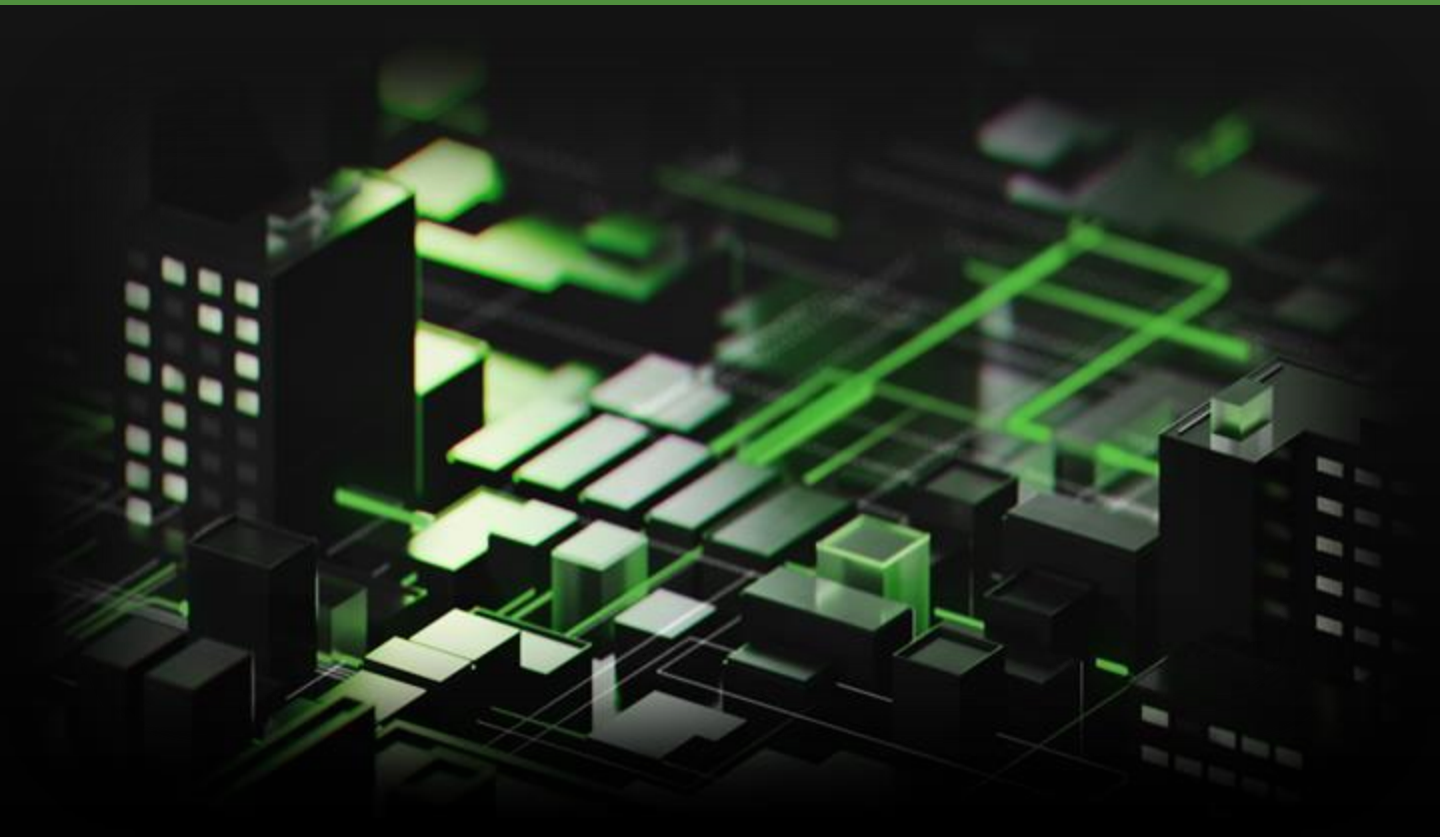
Many other functions



Integration with booking services

Benefits

- ⚡ Automated transfer of access codes: The system allows access codes to be automatically generated and transmitted to visitors, providing convenience and security.
- ⚡ Advanced preparation of room comfort: Possibility to remotely prepare the room in terms of temperature, lighting or music before the guest arrives, ensuring a personalised experience.
- ⚡ Automatic response to changes in bookings: The system dynamically adjusts settings at the facility in response to updates in bookings.



LOXONE

Loxone for Hotels

