

Door Lock Integration

Integrate Door Lock to GRMS

Reduce the number of user interfaces for guest room operations while providing an enhanced guest experience.



Solution at a glance

Door Lock integration enables the following features:

- Triggers Welcome Scene when the door is opened by the guest for the first time.
- Triggers Restore Scene when the door is opened by guest for the second time, and subsequent times.
- Triggers Maid Service Scene when room is accessed by cleaning staff.
- Sets DND to ON when door is dead-bolted.
- Reports door lock online status and triggers alarm in StruxureWare™ Building Operation (SBO) when door lock is offline.
- Reports door lock status at any time (opened, closed, or ajar).
- Reports door battery status and triggers alarm in SBO when door lock battery is low.

Solution

Integration of our Guest Room Management Solutions with the Kaba® Saflok™ Door Lock System adds an additional level of intelligence to the Guest Room Management System (GRMS) while simplifying the guest room architecture and enabling enhanced capabilities to the GRMS.

Door Lock integration tells the GRMS exactly who is entering the room (guest, maid, technical staff) so that the room responds accordingly with the appropriate lighting, temperature, and curtain settings. For example, the Restore Scene is activated when a guest returns to the room—restoring the exact conditions that were set when the guest left the room. Door Lock integration can be added to both the Limited Service Integrated Guest Room Management Solution and the Full Service & Luxury Integrated Guest Room Management Solution.

Overview

Simplification

A single user interface allows the Door Lock system information to be displayed in the GRMS. In addition, maintenance reporting is retrieved from the GRMS for all guest room systems and devices, including the Door Lock, which eliminates the need for an additional dedicated door contact.

Enhanced Guest Satisfaction

Restore Scene ensures that guests will return to a room with temperature, lighting and curtains (lighting and curtains for Full Service and Luxury offer only) set exactly the way they like it—despite the fact that maids, and possibly maintenance staff, have been in the room during the day.

Door Lock integration offers the following competitive advantages:

- Stronger, more complete Guest Room Management Solution.
- Hotels are making door lock integration mandatory in their project specifications as a way to differentiate from competitors.
- Easy commissioning on the server side.
- Easy installation and integration of Door Lock into the GRMS.

SmartStruxure Solution

SmartStruxure is an integrated building management system that includes hardware and software. The main software component is StruxureWare™ Building Operation (SBO). SBO integrates the HRC, GRMS, PMS and door lock system—improving staff productivity, reducing guest complaints, and enabling superior operational efficiency and guest room functionality.

Hotel Room Controller

The HRC manages multiple lighting circuits, curtains, DND/MUR, bedside panel and tablet applications in the guest room. It aggregates data from all subsystems and devices in the room, and sends it to the GRMS and PMS. This gives hotel operators visibility and control of all rooms to drive energy efficiency, and to troubleshoot maintenance issues.



SE8000 Series Room Controller

A typical room installation includes the SER8300/SE8300 Room Controller, which provides occupancy based energy management. In installations that do not use the HRC, the Room Controller sends room data directly to the GRMS.



Architecture

Door Lock integration is realized at the Hotel Level via integration of the Door Lock Server with SBO. The Kaba Saflok Door Lock System provides and manages access control to the guest room.

