Smart Hotel Control System

Experience tomorrow's
Home Away From Home.

Hotel of **The Future**

Smart hotel automation technology provides a seamless guest experience from checking in to checking out. Hoteliers can significantly improve the guest experience, increase staff productivity, and achieve cost effectiveness in the long run. We are solution partners to hoteliers in customizing and optimizing the guests' smart hotel experience.

Our system is suitable for any hotel environment with the flexibility to further integrate with existing hotel systems. Airux is made to automate and streamline various areas of hotel management, while improving the guest experience as a top priority.

Benefits of Smart Hotels

Well Being

With the recent pandemic, guests will be conscious of their safety and well being during their stay. With instant check-in notifications, contactless operations can be performed without compromising on service excellence just like before.

Increased Comfort

With in-room sensors, guests will no longer have to tune the lights or air conditioning as our climate system will balance out the weather conditions and ensure temperature optimization.
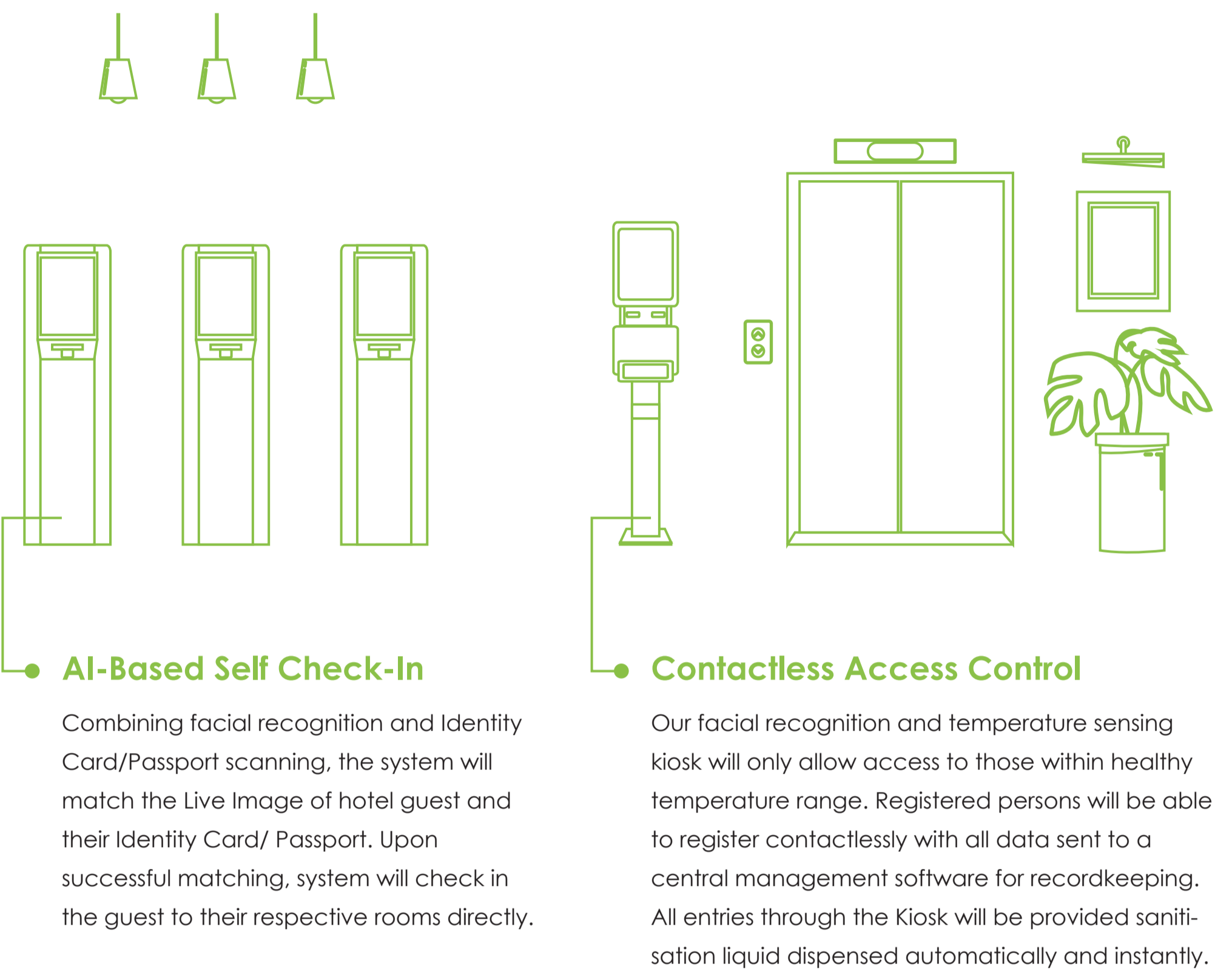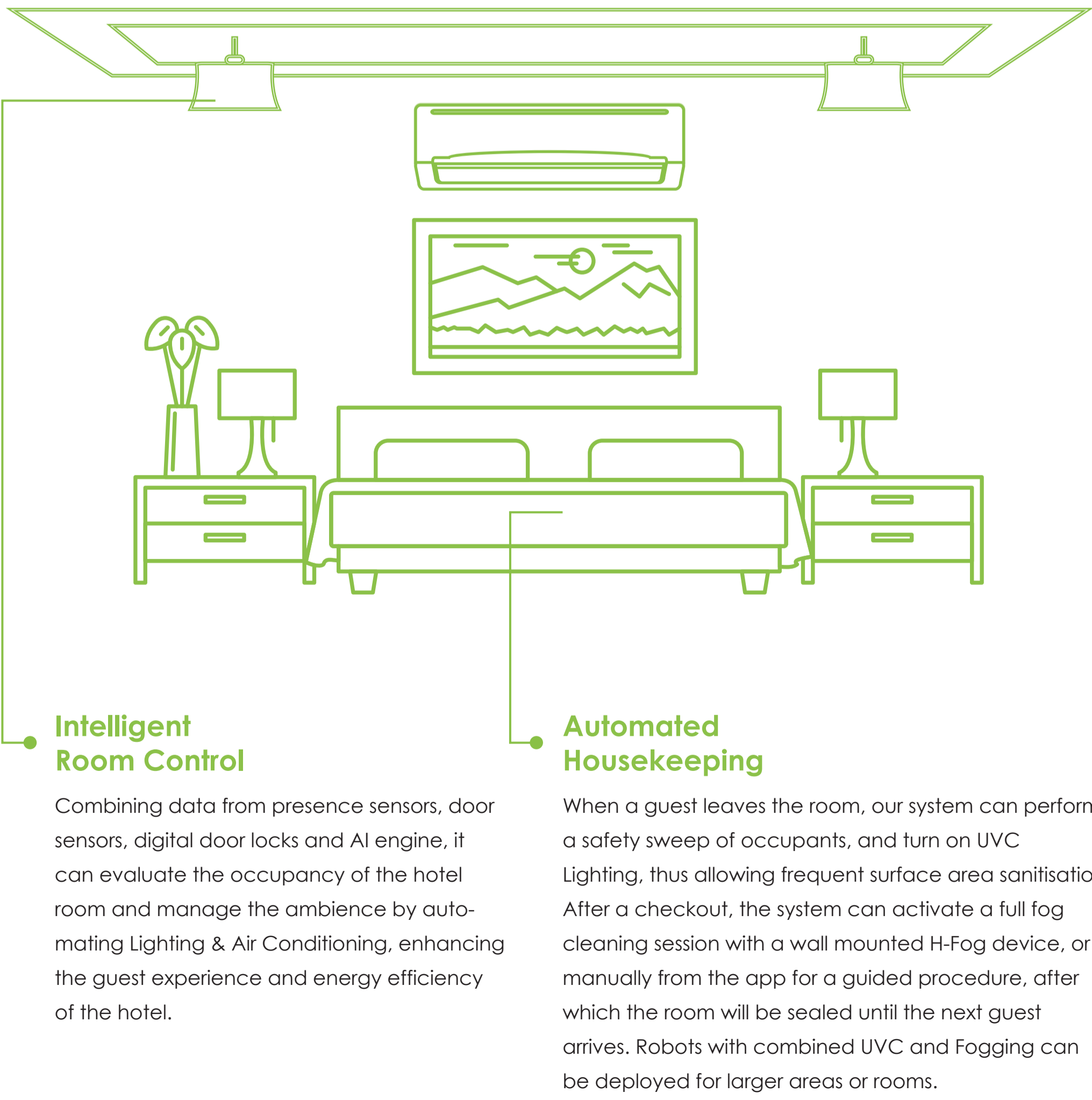
Cost Effective

In the long run, hoteliers will gain return on their investment from the energy savings and man-power productivity increase which ensures cost effective-ness, efficiency, predictive maintenance and data-driven decision making.

Smart Hotel Features

Applications in the Lobby

AI-Based Self Check-In

Combining facial recognition and Identity Card/Passport scanning, the system will match the Live Image of hotel guest and their Identity Card/ Passport. Upon successful matching, system will check in the guest to their respective rooms directly.

Contactless Access Control

Our facial recognition and temperature sensing kiosk will only allow access to those within healthy temperature range. Registered persons will be able to register contactlessly with all data sent to a central management software for recordkeeping. All entries through the Kiosk will be provided sanitisation liquid dispensed automatically and instantly.

Applications in Hotel Rooms

Intelligent Room Control

Combining data from presence sensors, door sensors, digital door locks and AI engine, it can evaluate the occupancy of the hotel room and manage the ambience by automating Lighting & Air Conditioning, enhancing the guest experience and energy efficiency of the hotel.

Automated Housekeeping

When a guest leaves the room, our system can perform a safety sweep of occupants, and turn on UVC Lighting, thus allowing frequent surface area sanitisation. After a checkout, the system can activate a full fog cleaning session with a wall mounted H-Fog device, or manually from the app for a guided procedure, after which the room will be sealed until the next guest arrives. Robots with combined UVC and Fogging can be deployed for larger areas or rooms.

Our **Social Distancing** Solution

Guests will be given safe distancing bracelets which will send a vibration alert should they be in contact with each other within 1-2 metre to ensure all staff and hotel guests adhere comfortably to the safe distancing measures in place. Contact tracing will also take place between wristbands in close proximity. Each band will record each other's "device ID" without exchanging personal details. Records can be downloaded via in room readers.

This will greatly increase operational productivity as additional staff do not need to be in place to perform "guest dispersion" if they are too close to one another.

Vibrating alerts

6 feet or 2 meters

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