



# HPE Aruba Networking & dormakaba

Efficient security with smart access





## Why HPE Aruba Networking and dormakaba

- HPE Aruba Networking and dormakaba integration connects wireless network infrastructure, Zigbee-enabled hospitality locks, and the Ambiance access management software to deliver efficient security with smart access
- One common and converged infrastructure for Wi-Fi, access control, and IoT is less expensive to purchase, less complex to deploy, and easier to maintain
- Cloud-based networking and access control deliver flexibility to IT and hotel staff
- Secure tunneling, dynamic segmentation, and policy-based control protect users' data, and devices
- Compatible with new or existing HPE Aruba Networking Wi-Fi 5, 6, and 6E access points
- Compatible with new or existing dormakaba NFC, MT, and Quantum locks

## Introduction

Hoteliers are faced with compounding challenges to keep up with guest expectations, operations management, and profitability. Guests have come to expect their away-from-home lodging to meet or exceed the comfort and convenience of their at-home experience.

New challenges in satisfying guests are not the only problems facing operators and owners in the current market. Soaring energy costs, labor shortages, increasing security threats, and fluctuating demand challenge profitability and operational efficiency. Intelligent solutions from a variety of vendors hold promise to help automate operations, improve guest services, and create new revenue streams while reducing dependencies on staff.

Traditional automated hospitality systems requiring separate gateways are the norm today. Unfortunately, these solutions have caused negative effects by driving up maintenance and acquisition costs while unnecessarily increasing the number of vendors and support contracts needed to access and maintain these solutions. Worse yet, proprietary gateways and IoT devices lack IT-level cybersecurity protections, which can lead to disastrous outcomes for guests, owners, and operators.

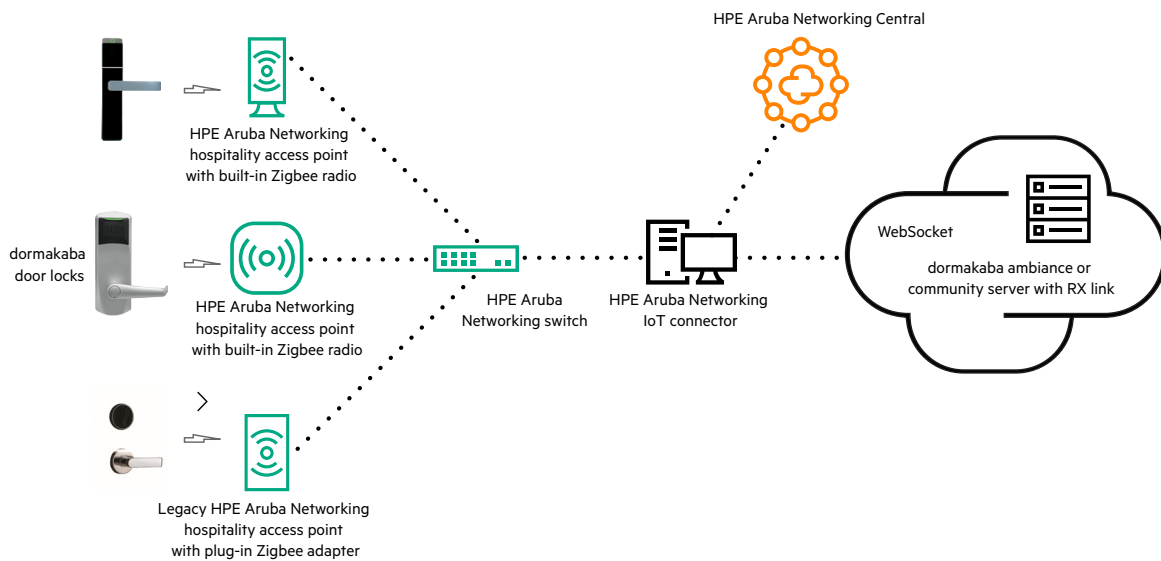
The HPE Aruba Networking and dormakaba door lock and access control integration has solved these pain points by reducing manual labor costs, improving security, and enabling real-time management control and data insights throughout the property. HPE Aruba Networking's converged network solutions for lodging and hospitality customers are less complex to deploy, easier to manage, and more protected against attack.

## About dormakaba

The extensive dormakaba product portfolio affords the architect, developer, and property manager creative and operational freedom while addressing the functional needs of the hotel by controlling and monitoring access at every entry point of the property.

Guest-centric solutions merge security with convenience — creating a safer and more welcoming environment to enhance the overall guest experience. dormakaba lodging access solutions include electronic hotel locks, Ambiance™ access management software, mobile access solutions, and perimeter access controls.





**Figure 1.** HPE Aruba Networking and dormakaba joint solution

## Unique value propositions

HPE Aruba Networking access points combine Wi-Fi 5, 6, and 6E radios for network access with 802.15.4 (supporting Zigbee communications) and Bluetooth radios for IoT device connectivity. Together these radios serve as multi-function connectivity for users and IoT devices. IoT devices include door locks and safes, occupancy sensors, air quality monitors, leak and humidity detectors, duress alarms, staff and asset location systems, energy and comfort controls.

HPE Aruba Networking products are field-proven for the most demanding lodging properties and deliver the robustness and reliability needed for business-critical converged networks. Security is best-in-class and PCI compliant. Integrated with HPE Aruba Networking, the Ambiance access management system remote lock management provides outstanding guest experiences for security and management while maximizing hotel staff efficiency.

With Ambiance and dormakaba’s wireless lock hardware, hotel staff can monitor door activity and status. Front desk agents can effortlessly perform room assignment changes without guests returning to the lobby. Additional remote functions include keycard and mobile key audits, cancellations, guest stay extensions, door-ajar notifications, wandering/standing intruder notifications through keycard usage, lock low-battery reports, and room-ready notifications. The solution can be further integrated with third-party partner solutions for smart room automation and room flow management.

## Better together

HPE Aruba Networking and dormakaba have innovated to converge intelligent access control with HPE Aruba Networking Wi-Fi infrastructure to eliminate the need, cost, and complexity of dedicated gateways. Freed from the limitations of gateways, property owners can select best-in-class in-room devices tailored to their needs. This advantage enables customers to grow and protect their business without the risk of vendor lock-in or security vulnerabilities of dedicated in-room gateways. The HPE Aruba Networking and dormakaba integration allow hospitality and lodging vendors to seamlessly deploy and maintain sophisticated technology.

HPE Aruba Networking supports dormakaba locks and Ambiance access management software. Locks connect directly to HPE Aruba Networking Access Points using a shared Link key. Messages pass from the dormakaba lock to an Access Point to the IoT Connector and then to the Ambiance access management software. The dormakaba application (bridging service), installed within the HPE Aruba Networking IoT Connector, enables integration with the Ambiance access management software. HPE Aruba Networking IoT Operations exist in the HPE Aruba Networking Cloud. An administrator configures and manages the on-premises network components and other essential settings from IoT Operations using HPE Aruba Networking Central, which are then pushed from the cloud to the on-premises IoT Connector. See figure 1.



## Partner solution overview

### Our solution partners



dormakaba is a leading innovator of premium access solutions that provide safety, security, and unmatched performance for hotels of all sizes. They provide everything customers need for secure access to buildings and rooms, with over 150 years of experience and millions of products installed worldwide. They help owners and operators customize an access management solution to suit their property's unique operational requirements and offer a superior guest experience.

[dormakaba.com/us-en](https://dormakaba.com/us-en)  
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Hofwisenstrasse 24 8153 Rümlang

### Certified interoperable

We've taken the guesswork out of customer deployments by certifying the interoperability of dormakaba's locks and Ambiance software with HPE Aruba Networking's infrastructure. Set-up is also simplified. Locks connect directly to HPE Aruba Networking Access Points using a Shared Link Key. Joint deployments go in faster and are easier to maintain. This joint solution simplifies the initial deployment and minimizes opportunities for miswiring during adds, moves, and changes over the life of the deployment. The joint solution supports many of dormakaba's hospitality lock models including Saffire LX, RT+, Confidant NFC, MT RFID, Quantum RFID, IV, and Pixel models.

### Summary

IoT-enabled wireless door locks can be remotely monitored, and reprogrammed. In addition to improving security, smart and secure wireless locks enable enterprises to automate access to common lodging areas and hotel rooms. This results in reduced labor costs, improved security for the IoT device and network, remote management, and better guest experiences. With smart door locks converged onto the properties' Wi-Fi system, hoteliers can enjoy offering front-desk by-pass services and eliminate round-trips to the front desk for a remote room upgrade or reassignment.

### Learn more about HPE Aruba Networking wireless:

[arubanetworks.com/products/wireless/access-points/](https://arubanetworks.com/products/wireless/access-points/)

### Learn more about dormakaba

[dormakaba.com/us-en](https://dormakaba.com/us-en)

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