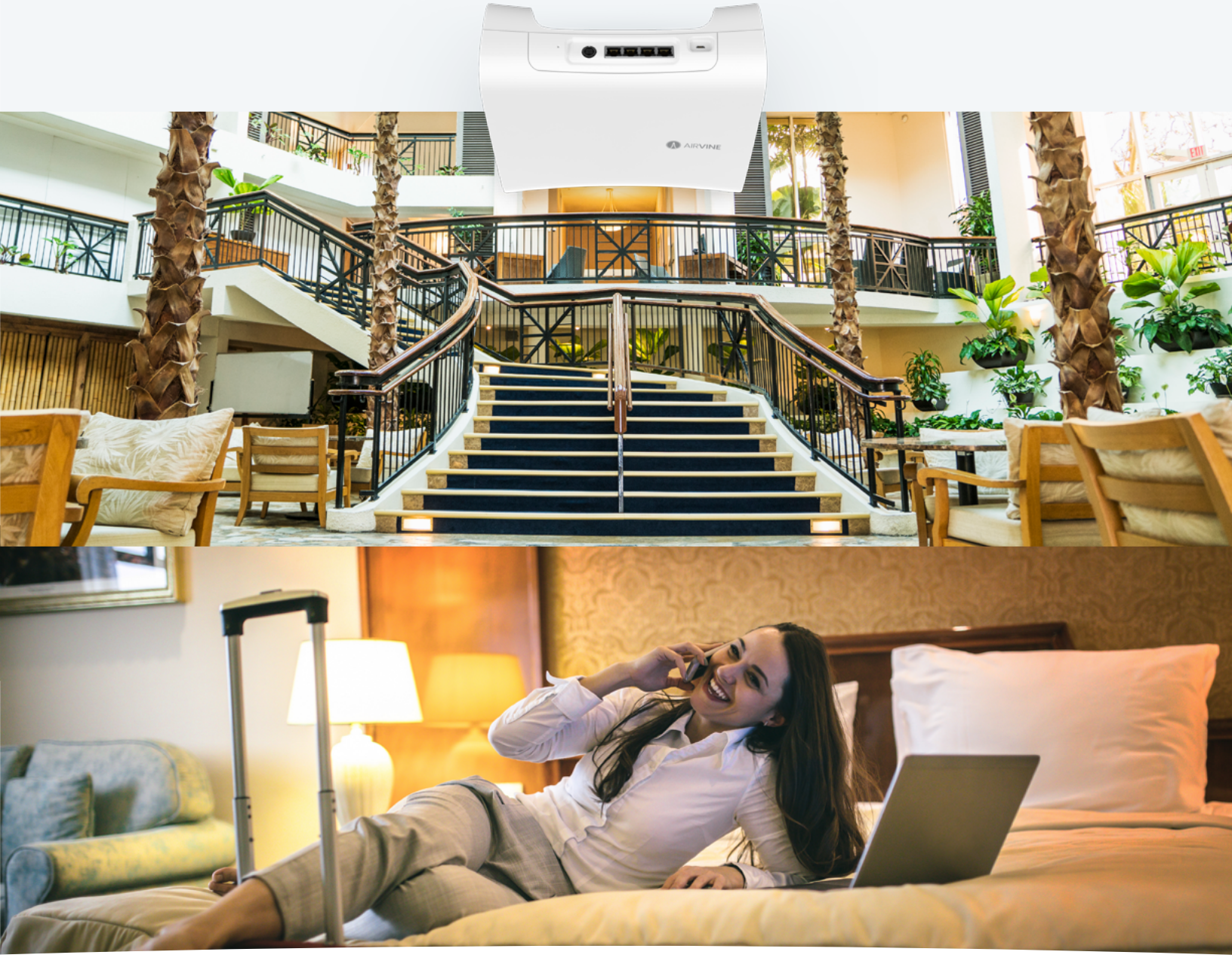
AIRVINE



HOSPITALITY

WaveTunnel™ by Airvine – the Hospitality backbone of the future, here today

The hospitality industry is being pushed to provide high-performance connectivity for a multitude of applications well beyond simple cellular or Wi-Fi.

Today and in the future, hospitality venues provide and support a plethora of IoT applications, including video security, sensors, command and control over locks, and industrial systems, to name a few. Hospitality as a market has also expanded to include four key segments:

LODGING

What comes to mind for most people when they hear the word hospitality.

FOOD AND BEVERAGE

Anywhere people eat, cafes, pubs, restaurants all need to support customer connectivity as well as IoT networking.

MEETINGS AND EVENTS

Many lodging establishments also offer these services to increase revenue, promote the brand and attract attendees to stay at their property.

WaveTunnel™ by Airvine

RECREATION

Elements in this segment that are unique include theaters and museums.

When it comes to the lodging segment, the days of offering a clean room, decent Internet, and a hot shower as the baseline are well past. Guests now expect to be able to connect multiple devices everywhere on the property via Wi-Fi and cell, use their phones to unlock doors and feel comfortable in a safe and secure environment supported by video security. New Wi-Fi standards such as Wi-Fi 6 and 5G systems have dramatically increased capacities – to the point that existing 1G Ethernet wiring is completely overwhelmed. There are over 700,000 hotels with 15 million rooms worldwide, and they all need to support these new access technologies and deliver these expanded services.

The challenge for many but the newest properties lies with the fact that they were built before this explosion of services.

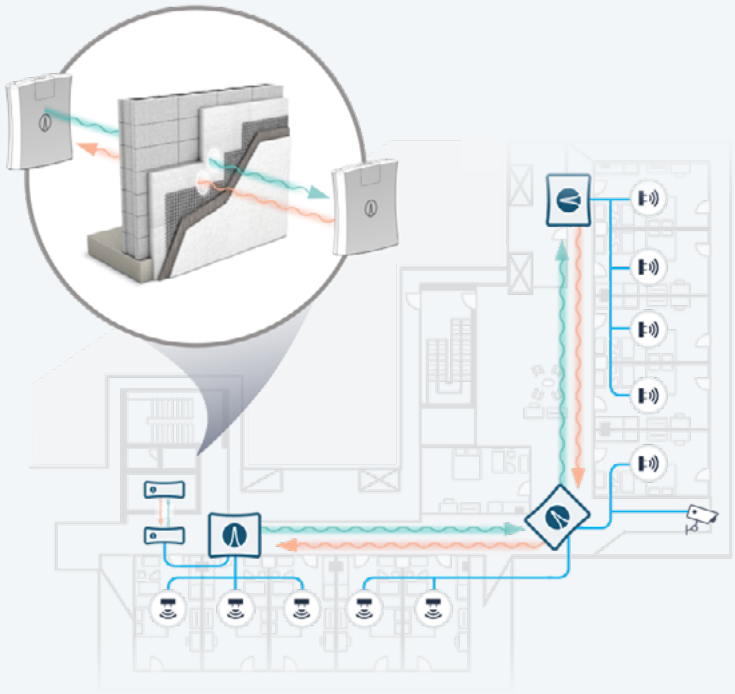
Updating the property infrastructure until now has consisted of running additional cable or fiber. The drawbacks to this approach are several:

- Closing whole floors or blocks of rooms to avoid guest disruption from the construction necessary to pull more cable.
- These closures can last for weeks per block, causing loss of revenue from renting these rooms.
- The cost for installing new network gear (switches) and installing the new cable can be tens of thousands of dollars.

WaveCore™ by Airvine

Wireless Solutions from Airvine

Airvine provides pervasive connectivity solutions that address these challenges head-on, without the need for extensive construction or the associated guest disruption. By leveraging advanced wireless technology, Airvine and the Wave systems enable properties to deploy a robust, high-capacity backbone network quickly and cost-effectively. This wireless backbone can be installed in a fraction of the time required for traditional wired upgrades, with minimal impact on hotel operations.



WaveTunnel and WaveCore Example Floorplan

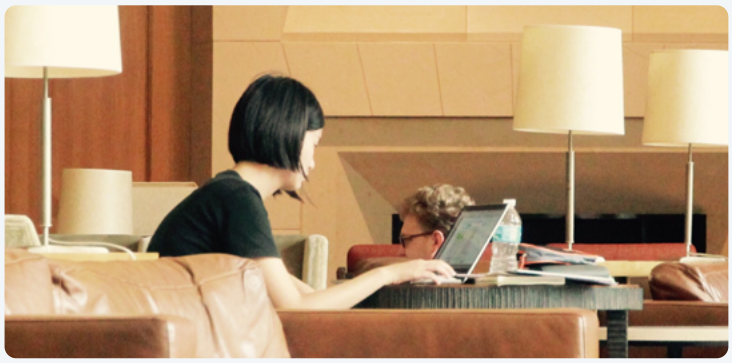
Benefits for Hospitality

- Minimal Disruption: No need to close off rooms or floors; installations can be completed quickly with rooms remaining available.
- No loss of revenue for multiple weeks: Nodes are easily mounted on the ceiling or walls, meaning rooms can still be available for customers. Installation and configuration of a single node can be done in minutes. An entire floor of 100 rooms can be upgraded in days.
- Security: Supports separate networks for Operational and Information Technology, ensuring secure and reliable connectivity.

Many times Operational Technology (OT) and the Information Technology (IT) traffic needs to be run on physically separate networks. A WaveTunnel network is highly secure supporting encrypted traffic, physical segmentation and Vlan security protocols.

The Opportunity

For the hospitality industry, staying ahead means embracing these new technologies. Airvine solutions provide the opportunity to enhance guest experiences, increase revenue, and improve operational efficiency, making your property more competitive in today's market.



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