

Passive Optical Network (PON)

PON Connected Device

5G/DAS/Wi-Fi In-Building Wireless

In-Building Converged Network

PON ONT

PON OLT

Building Systems



Video Security



Lighting Controls



Asset Maint. Mgmt.



Elevators



HVAC Control



Fire Control



Energy Mgmt.

Data Centre Carrier Hotels

Cloud OnRamp

Delivering the Future of Digital Infrastructure

Andorix is a smart building enabler and systems integrator for real estate properties

Laying the Digital Foundation for your Building Infrastructure

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While most buildings have digital systems that control their mechanical and electrical equipment, the true value of Smart Buildings is in its ability to collect raw data from the equipment, analyze it as it comes in, and allow building management to identify potential issues and inefficiencies right away.

We help building owners realize the promises of smart buildings

Having a proper digital foundation allows our real estate partners to take advantage of smart building automation systems that lower energy costs, reduce greenhouse gas emissions, improve the occupants' health and safety, and help buildings achieve ESG compliance requirements, which translates to increased value for the building owner.



Streamline Building Operational Technologies



Secure IoT and Smart Devices with Network Slicing & Building Cyber Protection



Seamlessly Integrate with Smart Building Platforms

The Andorix Technology Stack

- A fiber-centric in-building backbone network that delivers high-throughput data transfer needed to support traditional building automation systems, at a much lower TCO and longer refresh cycle
- A distributed antenna system integrating current cellular, future 5G and traditional Wi-Fi networks to enable high-speed wireless communications in large, multi-story commercial buildings.
- To support IoT-driven building transformation that enables the creation of workspaces, Andorix deploys a Low Power Wide Area Networks (LPWAN) to connect this newer breed of sensors and devices
- A central platform for the operation and maintenance of all OT building system components to ensure building-wide protection and uptime of system environments.

Visit <https://www.andorix.com/case-studies> to read how we are enabling Smart Buildings