

PANDUIT®

The **SMART** Future of Commercial Buildings

The global smart building market is projected to grow from \$96.96 billion in 2023 to \$408.21 billion by 2030. As developers build and modernize buildings, they are embracing the 6 S's.

Today's buildings are:

Standardized

Rely on standardized network infrastructure solutions to ensure compatibility, interoperability, and futureproofing of the building's network, networked devices, and smart building systems.



Sustainable

Use smart building features to efficiently manage energy, water, and materials, reducing waste, minimizing environmental impact, lowering operating costs, and creating a healthier environment.



Secure

Reduce vulnerability to cyberattacks with careful, smart implementation of intelligent building systems.



By 2028 there will be over four billion connected IoT devices in commercial smart buildings which are powered by telecommunications infrastructures.

Real estate drives nearly 40% of total global CO2 emissions. Buildings that aren't sustainable are losing value.

Security systems that are AI-ready are the #1 industry trend; 50% of businesses are already using AI in some way.

Buildings that were certified to green and healthier standards received 30% fewer complaints from occupants about air quality, temperature, and other issues.

Smart technology could reduce annual energy consumption in an average office by up to:

- 18% for HVAC system
- 28% for plugged equipment
- 33% for lighting

Shared meeting spaces, flexible office spaces and connected building technologies are leading in-demand building amenities.



Safe

Ensure occupant safety and health with smart building systems that go beyond security cameras. Limit access to your property, monitor and manage air quality, control lighting, and automate building cleaning systems.



Simplifying

Automate tasks such as HVAC, lighting, and security, providing real-time data for optimized building operations.

Smart

Control and automate building functions to create a smarter, more efficient building. When building systems communicate with each other, operations are optimized.