

Connected Buildings

Create a secure digital transformation space where people and devices communicate with ease.



People are more connected to their devices than ever before, so much so that they've come to expect outstanding digital experiences wherever they go, including the buildings where they work, shop, and do business. To meet those expectations, your company's buildings must sense, respond, and adapt to the humans within by offering them meaningful and customized interactions.

To do that, IT departments must design, deploy, and manage a complex, smart ecosystem of cabling, networked sensors, devices, and applications. These separate components combine to form the building's central nervous system responsible for delivering digital experiences consistently across multiple locations.



Structured Cabling

The backbone of a connected building, structured cabling must be engineered for reliable communications and future growth. Whether a company is upgrading its existing infrastructure or building a new site from scratch, the goal is the same: Create a flexible cabling system that supports users, devices, and applications for years to come.



Audio Visual

The next generation of conference rooms is about real-time, dynamic communication for all participants — whether they're attending physically or virtually. This includes modern collaboration spaces like large conference rooms, huddle-spaces, as well as digital signage for innovative communications and advertising.



Deployment of IoT Devices

One of the biggest challenges IT department members face is how to rapidly install and test hundreds or thousands of IoT devices throughout a building while minimizing business interruption and maximizing savings. A collaborative partnership with a service delivery partner is often paramount to successful design, deployment and management.



Global Multisite Deployments

Whether a company's deployment involves one, tens, hundreds, or even thousands of sites, locally and/or globally, deployment must be timely and repeatable — and meet the same high standards. Working with one managed service provider ensures this same quality and consistency across all locations.

Enhancing the Connected Experience

A successful digital transformation personalizes workplace interactions, enhances the customer experience, strengthens security, increases efficiencies, and automates operations. The meaningful and memorable digital experiences that occur inside a company's buildings can help to attract and retain top talent and pull in consumers who are ready to buy products and services — but only if IT has the resources to design, deploy and manage the network that supports it.

According to IDC, the IoT number will encompass **41.6 billion** connected devices that generate **79.4 zettabytes** (ZB) of data.

McKinsey & Co. notes that digital transformation projects fall flat **70%** of the time.



Customer Success Stories

Crystal Clear Focus on Theft Saves Big Box Retailer \$1B and Counting

A major home improvement retailer (and decades long Black Box client) with a network of approximately 3,000 stores in the U.S. and the Caribbean was facing security challenges due to its outmoded store cameras. Black Box responded with a multi-phased enterprise-wide rollout of upgraded state-of-the-art, IP-based security cameras with crystal-clear 4K resolution. Each camera includes facial recognition technology and captures fine detail, including license plate numbers, for identifying shoplifters and offering evidence to local law enforcement. As a result of the upgrade, the retailer has racked up \$1B in loss-prevention savings in the past three years alone.



Multi-Institutional Healthcare Provider Deploys Electronic Medical Record System

One of the largest healthcare delivery systems in the nation needed to understand the current network infrastructure at almost 200 locations in 22 states before launching their electronic medical record system. Black Box designed and deployed standardized processes for assessing infrastructure, resulting in a faster, more accurate audit than internal teams could manage.



Ready to build the foundation for a connected experience?
Contact us at **855-324-9909** or email us at contact@blackbox.com.

WHY CHOOSE BLACK BOX?

Our dedicated team of technical experts will help you lay the foundation for the connected building experience. As your trusted partner and leader in connected building technologies, from wireless to infrastructure, we will help you design, deploy, and manage the right solution to transform your building and empower the people in it.

ABOUT BLACK BOX

Black Box® is a trusted IT solutions provider delivering cutting-edge technology products and world-class consulting services to businesses across the globe in every industry. The breadth of our global reach and depth of our expertise accelerate customer success by bringing people, ideas, and technology together to solve real-world business problems.