

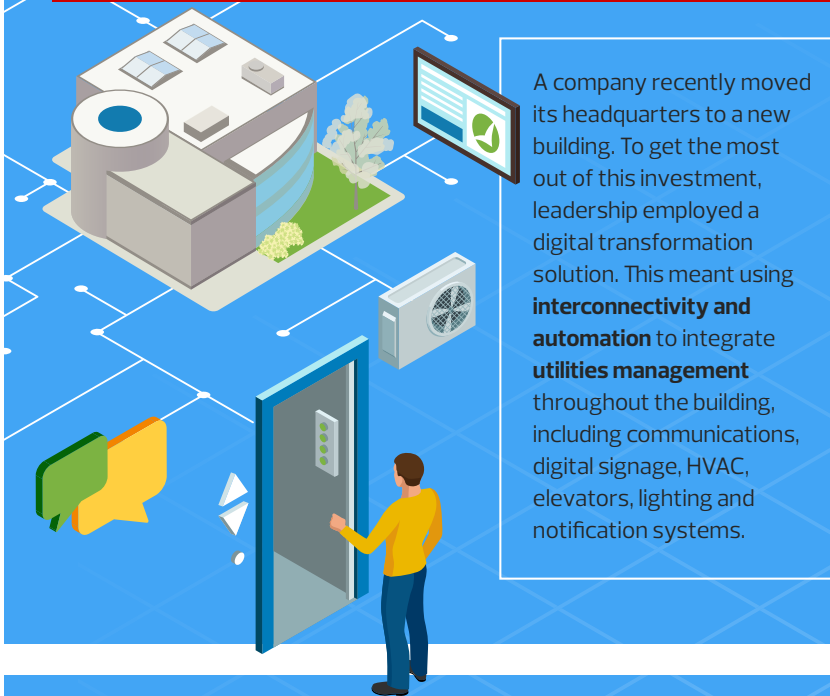
SOLUTION IN ACTION

Digital Transformation: Technology That Drives Workplace Innovation

Digital transformation, with the Internet of Things (IoT) as a major component, makes it possible for businesses in any industry to connect siloed data and utilize the latest technologies to revolutionize how they operate. No more disjointed energy management, disconnected equipment monitoring or piecemeal warehouse maintenance. Digital transformation enables organizations to improve data visibility, as well as automate and standardize on next-gen technology to realize cost savings, better resource allocation and improved ROI.

► **Let's look** at how one business is leveraging digital transformation technology to streamline operations across the enterprise:

PREDICTIVE MONITORING AND MAINTENANCE



A company recently moved its headquarters to a new building. To get the most out of this investment, leadership employed a digital transformation solution. This meant using **interconnectivity and automation** to integrate **utilities management** throughout the building, including communications, digital signage, HVAC, elevators, lighting and notification systems.



From **energy management** within its offices to **equipment monitoring** within its adjacent warehouse, the company's facility managers were able to leverage real-time usage data to more accurately assess how, when and to what extent utilities and equipment are being used. Over time, patterns began to emerge and the company was able to embrace **predictive maintenance** based on analytics and data trends to improve efficiency, achieve cost savings and incrementally grow the value of the organization.

BEHIND THE SCENES

IoT networks supporting digital transformation must take into account application needs, coverage requirements, device type and location, and power consumption. This includes selecting between Wi-Fi and cellular wireless, considering new low-power wide area networks (LPWANs) vs. traditional WANs, and employing integrated security management.



SMART CONTROLS



The company understands that what goes on in its new building is as important as the systems that support it. With digital transformation, the business was able to integrate building automation with **smart operations** to improve **convenience** and **security** for its workforce. **Access control** allows the organization to understand where employees are, who's in the building and the areas they use most.



This can be tied to a **smart LED lighting** system, which can provide energy savings up to 50% by both using a more efficient energy source and by reacting to movement/presence so that lights go on and off based on where people are. Also tied to access control is real-time **video surveillance**, which works in conjunction with other sensors and systems, including Wi-Fi, BLE, radio frequency identification (RFID) and smartphones and **asset tracking**, to improve building-wide safety and reduce incidents of theft and loss.

Leverage technology and digitization to change how your organization operates. From selecting the hardware and network components, to providing strategic services, CDW can help you orchestrate a digital transformation solution that maximizes resources and improves ROI across the enterprise.

To learn more about how IoT can positively impact your workplace, schedule a consultation with a digital transformation expert at **800.800.4239** or visit **CDW.com/DigitalTransformation**.

Find out more about how digital transformation and IoT work together to revolutionize operations for "smart" cities, and organizations across all industries. **Read the white paper now.**

