

Securing Systems, Connecting Intelligence: How IT and Cybersecurity Leaders Strengthen Building Lifecycle Management



As buildings grow increasingly intelligent and data-reliant, IT and cybersecurity professionals have become indispensable stewards of operational continuity, digital infrastructure, and risk mitigation. The [Building Lifecycle Management \(BLM\) initiative](#) offers a vital opportunity for these experts to take a leadership role in shaping the future of secure, connected buildings through integrated, lifecycle-based practices.

Modern commercial real estate assets rely on a complex ecosystem of operational technology (OT) and information technology (IT) systems—from building automation and access control to digital twins and energy platforms. However, without cohesive oversight, these systems are vulnerable to data fragmentation, inefficiencies, and escalating cybersecurity threats. The convergence of IT and OT presents both a challenge and an opportunity: to architect secure, interoperable environments that support long-term asset performance.

BLM addresses these imperatives by embedding data governance, system interoperability, and cybersecurity into every phase of the building lifecycle. By participating in the BLM initiative, IT and cybersecurity leaders can help define standards for secure system integration, streamline data flows, and implement monitoring tools that protect both digital and physical assets. Lifecycle thinking ensures that cybersecurity is not bolted on after deployment but woven into the DNA of a building's design, operation, and deconstruction.

Involvement in BLM also reinforces IT's strategic role across departments. With growing demands for real-time analytics, ESG data, and tenant-facing technologies, IT professionals become central to enabling collaboration between facilities, operations, and executive teams. Their leadership helps bridge legacy systems with future-ready platforms, reduce risk, and enhance decision-making through trusted, high-quality data.

For IT and cybersecurity professionals, BLM is a catalyst to elevate digital infrastructure from operational necessity to strategic advantage. By embracing this initiative, they shape the future of smart, secure, and sustainable buildings—where data flows freely, systems perform reliably, and risks are managed holistically.

