

Colleges and universities globally are continually evolving to meet the growing and changing needs of their campus communities.

Rethink how to configure, optimize and manage your campus resources

Keeping students, academics, and staff safe is a fundamental responsibility of the institution. A systems solution that proactively detects and addresses security threats deters security breaches that can bring irreparable damage to institutional reputation and financial stability.

A connected device approach empowers facilities management solutions and energy savings programs, reducing operational costs, and making more funds available for student and institutional needs

A full data picture leveraging security, IoT, CRM, and SIS systems that work with HR, Finance, Accounting, ERP, and other operational systems supports decisions that build institutional efficiency.

A data-driven culture with data estate modernization and management brings the institution to a "single version of the truth", which spurs strategic and more effective decisions and actions.



Education Transformation Framework for Higher Education. Practical advice to help develop a holistic digital transformation strategy, based on your vision and desired outcomes.

KEY CHALLENGES



Increasing cyber and physical threats to campus communities



Budget constraints and rising operational costs



Disparate operational systems resulting in siloed data sources making it challenging to obtain a single view across the institution





- What plans are in place for identifying and responding to physical threats and data security concerns on campus?
- How do you proactively monitor and maintain building efficiency?
- How are you managing your overall strategic planning and the data systems that support that work?
- How are you currently facilitating data sharing across departments and systems to support the success of students and academics?

Achieve more in Secure & Connected Campus

For digital transformation to be effective, an institution must carefully analyze, design, develop, implement, and evaluate their plan for change. Assess your current state in order to decide what your success looks like and build your strategic plan for deployment and adoption.

	Entry	Emerging	Advanced	Transformative*
Integrated and Seamless Security	No identity security, on- premises only, siloed data sets, no DRP, DLP, and no information protection or compliance.	Basic security with identity and access management, device security, hybrid cloud environment (or laaS), and minimal DRP, DLP.	Advanced identity and access management, device security, information protection, cloud PaaS, advanced security and compliance, full DRP/ DLP, and first and third-party app access protection.	Advanced identity and access management, device security, information protection, cloud SaaS, advanced security and compliance, full DRP/ DLP, and first and third-party app access protection.
		Azure Active Directory P1, Office Advanced Threat Protection, Microsoft Intune	Azure Active Directory P2, Office Advanced Threat Protection, Microsoft Intune, Windows Defender ATP, Microsoft Cloud App Security, Azure Information Protection P1	Azure Active Directory P2, Office Advanced Threat Protection, Microsoft Intune, Windows Defender ATP, Microsoft Cloud App Security, Azure Information Protection P2, Advanced Data Governance
Ş	On-premises siloed business applications and flat file data syncing.	Connected business apps with limited integration.	Cloud business apps with mobile and automated workflows.	Fully cloud-based environment with automation of data and Al and machine learning capabilities.
Mobile & Automated Workflows		Power Bl, Power Platform	Power BI, Power Platform, Azure Data Lake, Azure Data Factory, Microsoft 365, Dynamics 365	Power Bl, Power Platform, Azure Data Lake, Azure Data Factory, Microsoft 365, Dynamics 365, Azure Machine Learning, Microsoft Flow
	No collection of managed cloud services that connect, monitor, and control campus assets.	One or more devices or backend services running in the cloud that communicate with each other.	Device connectivity and management with telemetry ingestion, command, control, and security of all devices.	High-volume device connectivity and management. High-volume telemetry ingestion. Command, control, and security of all devices.
IoT Asset Management		Azure Active Directory P1, Azure SQL database, Azure Cosmos database, Azure loT Hub, Azure loT Central, Azure loT Edge	Azure Active Directory P1, Azure SQL database, Azure Cosmos database, Azure IoT Hub, Azure IoT Central, Azure IoT Edge, Azure Sphere	Azure Active Directory P1, Azure SQL database, Azure Cosmos database, Azure IoT Hub, Azure IoT Central, Azure IoT Edge, Azure Sphere, Azure Digital Twin, Azure IoT Solution Accelerators



