



CHALLENGES E2E SOLVES

LynxSpring's E2E® is a comprehensive edge-to-Cloud operational technology (OT) data management platform designed to securely connect with building systems and equipment. It collects, aggregates, standardizes, and enables you to visualize your data within an independent data layer (IDL), providing a unified data repository and intuitive user interface. It also offers robust device management capabilities. Unified by LynxSpring's Connexion® which serves as the IDL within the E2E platform, Connexion is a unified, centralized, structured repository to collect, manage, and distribute your data.

As the BAS industry shifts towards more data-centric and outcome-based solutions, we need systems that can adapt. With its future-proof design, E2E accommodates new data-driven services and Cloud applications as market demands evolve.

SILOED DATA

LACK OF INTEROPERABILITY

- E2E: seamless communication across diverse protocols like BACnet, Modbus, and Haystack.
- Ends siloed/inconsistent OT data.
- Allows edge device data to flow to enterprise applications without proprietary compatibility issues.

COMPLEXITY

EDGE DEVICE INTEGRATION

- BAS struggles to integrate modern IoT devices in legacy architecture .
- E2E tools and APIs simplify device deployment, management, and edge-to-Cloud standardization.

DATA ACCESSIBILITY

ANALYTIC OPTIMIZATION

- Difficulty accessing clean, usable data for analytics/optimization.
- E2E supports real-time data extraction making it easier to implement advanced analytics, machine learning models and performance strategies.

SCALABILITY

SMALL SITE TO ENTERPRISE

- Managing distributed buildings with varying infrastructure can be resource intensive.
- E2E: unified architecture, scaling (single-site to enterprise-wide), streamlining system deployment/management across your portfolio.

SECURITY

REMOTE ACCESS

- More connected systems equal more cybersecurity risks.
- E2E incorporates security-by-design principles, including secure remote access and encryption to protect sensitive OT data.

EFFICIENT OPERATIONS

COST REDUCTION

- Manual BAS processes, data modeling, and maintenance increase operational costs.
- E2E introduces automation, standardized Haystack tagging, and centralized monitoring reducing manual workload and improving efficiencies.

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One Platform. Many Possibilities.

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