



DIGITAL TRANSFORMS PHYSICAL

# CONNECTIVITY AND COLLABORATION

Cross-Departmental Unity Advances the Digital Transformation Journey



# BUILDING OPERATIONAL EXCELLENCE REQUIRES COLLABORATION



Manufacturers may not be considering a culture change when first embarking on a digital transformation journey. Yet without a cultural shift, transformation can't happen.

*Manufacturing change management at a cultural level requires active participation and communication from leaders, consistent examination of existing processes, and education to establish accountability across the organization.*

Manufacturers face serious challenges when their organization is hindered by siloed data and processes. Proactively bringing maintenance and operations data together to find the operating behaviors that break down asset integrity builds trust.

Creating an ideal state of equipment, security, and communication, with machines, departments, and processes sharing data will ensure that assets are working at peak performance. This collaboration improves production while building operational excellence.

Plants that have taken steps to synchronize operations and maintenance are seeing benefits from their knowledge-sharing processes and technologies.

By adopting lean techniques, maintenance and operations have an opportunity to change from reactive cost centers to proactive partners in driving increased asset performance and efficiency. This collaborative approach will drive uptime, productivity, and ROI on a manufacturer's capital expenditure.

*Keptware can enable the necessary visibility to access the business and process data that is key to operational excellence.*



# UNIFIED TECHNOLOGIES ENABLE INDUSTRIAL TRANSFORMATION

Manufacturers seeking to enable industrial transformation must embrace an ecosystem of unified technologies that work together and do not compromise their reliability.

*Those with 4.0 goals have multiple needs. Data aggregation, communications optimization, and security are top requirements. But so is information accessibility across the organization, and opposing teams such as maintenance and operations historically haven't collaborated, creating siloes.*

Digital technologies provide numerous tools and pathways for improved communication and collaboration, regardless of department, yet leadership must orient their organizations away from data siloes and departmental segregation.

Data connectivity from the front office to the production floor is vital to operational visibility across factory systems and processes. Establishing this connectivity requires a data model and IT/OT architecture that is strong and comprehensive.



*Kepware facilitates connectivity between various industrial automation devices and applications, acting as a reliable communication platform that enables seamless data exchange and integration.*

*Kepware optimizes communications across teams, eliminating the need for multiple solutions while meeting industrial connectivity requirements.*

# BRIDGING THE IT AND OT DIVIDE WITH KEPWARE



By standardizing data across the enterprise, key stakeholders such as data analysts, controls engineers, and production managers are receiving complete, consistent, and secure data to drive their decision-making abilities.

*A company can bridge the IT/OT divide by bringing IT and OT experts to the table and investing in connectivity tools that speak both IT/OT languages, enable OT data transfer, and integrate data with IT systems.*

Digitally connected plants enabled by holistic enterprise data systems and a robust operational architecture no longer experience the disparity between IT and OT. Implementing a solution that enables seamless data exchange and integration across IT and enterprise systems simplifies the process of collecting, monitoring, and controlling data from multiple sources.

**Kepware** provides a reliable platform which is that solution.

*With an agnostic, decoupled solution, Kepware supports over 300 unique industrial protocols and interfaces, allowing it to connect with a wide array of industrial devices, equipment, and software systems. This increases labor and asset productivity while providing solution flexibility and resiliency.*

*With its user-friendly interface and robust features, Kepware is empowering organizations to optimize their operations, boost performance, improve efficiency, reduce costs, and make data-driven decisions, bringing capability and culture together.*



# CONNECTED DATA GENERATES INSIGHTS TO BREAK DOWN SILOES

Change cannot be solely a top-down initiative or expected to be a bottom-up transition.

Siloed approaches create roadblocks when seeking to establish a robust change management program. Transparency and communication are paramount to successful digital transformation efforts.

The future is digital. Every advancement of digital transformation has been designed to improve at least one aspect of collaboration, giving teams new capabilities and tools that never existed before.

*Just imagine what is possible if the right data from across departments is connected, generating insights that boost asset performance. By removing departmental siloes across the organization, roles, responsibilities, and results will be positively influenced.*



**Ready To Get Started On Your Digital Transformation Journey?**  
**CONTACT US** to speak with a Kepware connectivity expert today.