

# KX

# Telit

## PARTNERSHIP

DATA SHEET

# KX & Telit Solution for IoT Streaming Analytics

KX and Telit accelerate the time-to-value of IoT solutions for smart manufacturing and industrial control processes, combining the best-in-class connectivity, time-series data and streaming analytics solutions. Together, KX and Telit enable real-time interoperability for contextual decision making at speed without human intervention.



**10X Faster**  
time-to-value with a  
integrated out-of-the  
box solution



**Interoperable framework**  
that blurs the OT/IT  
boundary for insights in  
real-time



**75% Savings in total cost**  
of collecting, processing,  
managing, storing, and  
analyzing data



**Optimization of  
production** and overall  
equipment efficiency  
(OEE)

## CHALLENGES IN INDUSTRY IOT

A rapid convergence of advanced technologies in network connectivity, proliferation of sensors, edge compute, storage, real-time analytics are spurring the adoption of Industrial Internet of Things. Organizations are responding by digitally transforming their business models to better address business agility, quality, yield, costs, efficiency, and safety. When looking for the next solution, identifying resolve against the following key pain points can improve overall business outcomes.

- Connecting and collecting data from OT & IT sensors, equipment and systems is difficult and costly
- Data silos across OT and IT systems preventing in-the-moment and in context analysis
- Accessing and analyzing data quickly enough for fault detection, predictions, quality control and other applications
- Limited or constrained access to data by engineers and data scientists so as not to impact production operations

For more information please contact: [sales@kx.com](mailto:sales@kx.com) or visit [www.kx.com](http://www.kx.com)

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# IMPROVES PRODUCT QUALITY AND YIELD WITH IN-THE-MOMENT ANALYTICS AND DECISION MAKING

## SOLVING WITH KX & TELIT

KX and Telit offers an integrated intelligent edge and OT analytics solution, that simplifies and future proofs connectivity and analytics on industrial OT data. Together, KX Streaming Analytics and Telit deviceWISE provides an integrated intelligent edge and OT analytics solution. Designed for real-time interoperability, analytics, and actionable insights across industrial systems and processes.

- Connect to any device and sensor regardless of protocol type and data formats.
- Break-down data silos for relevant in the moment decision making – combining real-time, historical, and other data.
- Deliver market leading performance data collection, capture, processing, and analytics.
- Secure and authorized data access for business users, engineers, data scientists and design teams.

## KEY SPECIFICATIONS

Connectivity & Protocols	Modbus, ControlNet, DeviceNet, OPC DA/OPC UA, MQTT, HTTP, IPC
OT Devices & Equipment	PLC, SCADA, Analog/Digital Sensors, Actuators, Robots, CNC
Business Systems	MES, MOM, ERP, PLM, Digital Twins
Interoperability	Kafka, Solace, ODBC, Q, C, C++, Java, Python, qSQL, AWS, Azure, Google Cloud, Databricks
Schemas	IoT Schema, Extensible, Relational, Time-Series
Analytics	Streaming Analytics, Queries, Real-Time, Historical, ML/AI
Visualization	Configurable dashboards for HMI and analytics on streaming and historical data.
Performance	Sub milli-second latency, million sensor read ingest per second, daily data volumes of TB/day, hundreds of queries per second

## READY TO START YOUR JOURNEY?

Learn more about the KX & Telit partnership at: [kx.com/news/kx-and-telit-partner/](https://kx.com/news/kx-and-telit-partner/)