KX

Leading electronic manufacturer's strategic partnership **with KX improves yields and productivity**

VP/GM of Electronic Industrial Products

"KX provides a platform that enables aggregation of extremely large data sets, with low-latency that enables faster insights in a broader variety of industrial analytic opportunities."

Organization: **Leading American Electronic Manufacturer**
Geography: **Global**
Industry: **Manufacturing**
Employees: **14,000+**

This leading American electronic manufacturer is a trusted electrical and electronic global manufacturer with more than 80 years of a rich history of innovation and over 1700 patents globally, with customers in more than 100 countries around the globe. The manufacturer partnered with KX to develop its manufacturing analytics software to accelerate ROI in smart factory digital transformation. The partnership combines the company's test and measurement domain expertise with data science, using high-performance data mining and machine learning models that work for electronic manufacturing.

› **Near real-time automated computation of process performance, through high-speed data ingestion, processing, and analytics.**

KX

LEADING AMERICAN ELECTRONIC MANUFACTURER

THE CHALLENGE

This leading technology company helps enterprises, service providers, and governments accelerate innovation to connect and secure the world. Their next-gen manufacturing analytics solution was developed with the vision to keep customers seamlessly interconnected and productive. Their big data platform accelerates ROI in smart factory digital transformation by providing real time actionable insights to improve operational efficiency. Although they have the domain expertise in test and measurement, they needed a complementary technology solution that offered high-performance data mining and machine learning models that work for electronic manufacturing.

WHY KX

During extensive testing against its legacy technology, KX outperformed in performance and utilization capacity. KX was selected to enable its full stack Analytics-as-a-Service platform to ingest, transform and analyze test equipment data. The electronic manufacturer was equally impressed at KX's ability to deliver operational intelligence into manufacturing data. In a manner similar to KX's proven history across a range of other industries including aerospace, automotive and energy, the client also envisions a strategic future beyond manufacturing.

> ## 100k+ readings per second per day

THE BENEFITS

Near real-time automated computation of process performance

Improved manufacturing operational KPIs

Detect anomaly in real-time and monitor operations

Enable **real-time predictive alerts**

100k+ readings per second per day