

The ROI of Real-Time Data Analytics in the Energy and Utility Industries



A snapshot summary of Forrester's TEI study of KX Insights

In March 2022, KX published a commissioned Total Economic Impact™ (TEI) study conducted by Forrester Consulting to demonstrate the return on investment (ROI) and broader financial impacts of deploying KX Insights across high-complexity manufacturing, prototype research and development, utility networks, and grid-based energy marketplaces.

➤ **315% ROI and \$5.7m benefits over 3 years**

➤ **Payback in less than 6 months**

To better understand this investment's benefits, costs, and risks, Forrester interviewed four decision-makers with experience using the KX Platform, aggregated the interviewees' experiences, and combined the results into a single composite organization. These are the findings.



[DOWNLOAD THE FULL STUDY](#)

With KX, the interviewees experienced

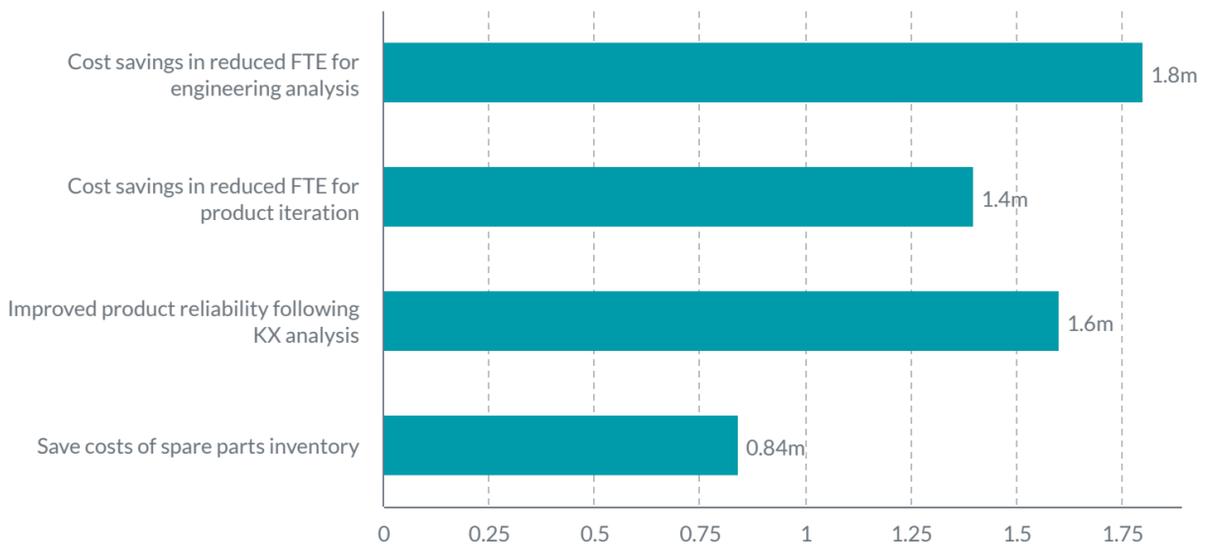


- **Reduced time required** to ingest and manipulate the millions of data points generated by edge device/IoT sensors into a form usable for data scientists
- **Significantly improved visibility** of systems performance
- **Data enriched** with context from historical data, in real-time
- **Faster** and more effective product improvement cycles
- **Lowered the costs** associated with component failure

“KX eliminates the several iterative steps in market settlement with a dashboard that captures, analyzes, and completes the data and billables of thousands of energy producers and consumers, and can differentiate what is normal electromagnetic loss versus missing data - in minutes versus the hours it took previously.”

VP System Design & Architecture - Energy Marketplace

Benefits of \$5.72M over three years



“KX allows us the benefits of having all these edge devices collecting information. The “seeing” of these nodes on the network not just speeds how we recover faster from outage but in how we improve reliability by testing growth tolerances with how additional load affects the lifespan of specific equipment nodes.”

Innovation Director - Utility Organization

KX Insights. What It Is and Why You Need It

KX Insights is an integrated data management and streaming analytics platform for real-time decision-making. For business applications and critical real-time decisions that require continuous and contextual intelligence, the KX Insights platform accelerates your speed to business value.



It is **built for the modern data ecosystem** - designed to run anywhere, interoperate with any data source, and facilitate easy access with extensive data science language integrations.



KX Insights is a **fully integrated platform** that enables you to ingest, manage, analyze, enrich, and visualize all your data, combine real-time streaming and historical data, and create and deploy reusable data pipelines.



It is **proven to enable significant ROI** and according to recent STAC-M3 and Yahoo benchmarking trials, KX is proven to deliver world-leading performance.



To access the full study click [here](#) or visit www.kx.com