



The ROI of Real-Time Data Analytics in the **Discrete Manufacturing** Industry



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

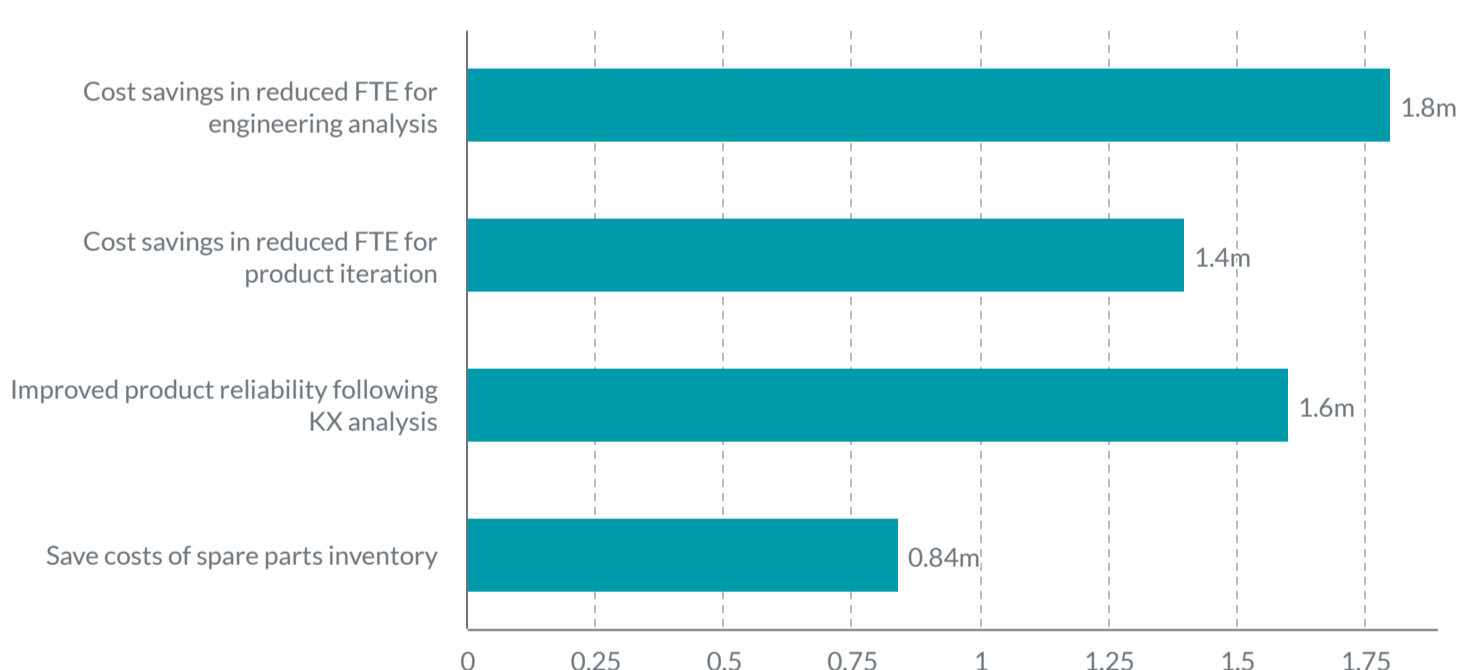


KX creates institutional knowledge for us. Even if it is a different production engineer on the line, because KX knits together real-time and historical past data on the dashboard, we are much more quickly able to determine patterns and solve production problems.



Test Engineering Manager, High-Complexity Manufacturing

Benefits of \$5.72M over three years



We can react even if not in front of the dashboard and there's a test out of acceptable range. Because we are now able to iterate on the issue right away, we save money in reduced waste and rework.



Test Engineering Manager, High-Complexity Manufacturing

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