

Customer Success Story

Prophecy



Company
EuroKera

Location
Fountain Inn, SC

Industry
Glass-Ceramic Cooktop

Surfaces Implemented Solution
Prophecy IoT®

"With Prophecy IoT we were able to instantly get hold of our data and start to see what exactly was going on with the lines and then understand what we could do with this data."

– Jackie Collins
Manufacturing Systems Manager

"One of the immediate advantages we've seen is now a machine can tell us when a lot is finished, and we can then issue that lot out in our ERP system. For us that is a huge financial benefit- to make sure that our material is assigned to the correct job and that we are accounting for every sheet of material that we use."

– Jackie Collins
Manufacturing Systems Manager

EuroKera Gains Transformational Visibility into Factory Floor Data with Prophecy IoT®

EuroKera is a global leader in advanced cooking surfaces and glass-ceramic solutions. Their innovative solutions take the potential of glass-ceramic to an always higher level, pushing the technical performance limits further while keeping the unique French elegance and taste for exclusive design.

Challenges

- The need to understand true downtime levels.
- Previously spending excess time logging tool changes by hand and entering production numbers manually, resulting in more errors.
- Needed better data availability for predictive maintenance.
- The need for real time process metrics and visual Indicators for performance (day/shift) due to lack of accurate and timely data for analysis.

Benefits

- Once EuroKera engaged with Godan for Prophecy IoT®, they achieved direct connectivity to existing PLCs and infrastructure without adding extra hardware.
- Data now being collected from PLCs at very high speed.
- Meaningful data now can be logged in SQL database (many opportunities in itself.)
- Prophecy IoT® provides direct PLC connections that reveal detailed production data for analysis and understanding of production issues.
- Graphical display of data is achieved with easy to create charts and graphs that present better information to management for decision making.

Customer Success Story

Prophecy



Company
SpillTech

Location
Mobile, AL

Industry
Smart Spill Solutions,
Manufacturing

Implemented Solution
Prophecy IoT®

Top Challenges

- Eliminate manual processes by measuring manufacturing with automated data capture
- Present the actual performance of our manufacturing equipment
- Capture what is actually occurring in real-time
- Provide analysis of historical reporting

Implementation

What was your experience with Prophecy Professional Services?

- Services stayed within budget
- The team is competent and consultative
- Very efficient and responsive

Why Prophecy?

We needed a solution to help us **resolve a number of key challenges**, while **working seamlessly** with our ERP.

"Prophecy is a great product that has given us the tools to make data-driven decisions. It also is a great diagnostic tool for our production lines!"

– **Brandon Marceaux**
Plant Manager

Benefits

We now receive accurate, automated, real-time, and historical production data from our continuous extrusion production line. Having visibility to our actual production quantities strongly supports **data drives decisions, and greatly improves focus.**

ROI

We now have internally driven conversations regarding how to best move forward using the data being provided. These conversations lead to planning and executing continuous improvement, and **continuous improvement leads to increased production in less time.**

Customer Success Story



Company

Daniels Manufacturing Corporation

Location

Orlando, FL

Industry

Tooling

Implemented Solution

Prophecy IoT®

Benefits

The added visibility provided the ease of knowing where to look, where to focus, and ensures the work cell is aware of status.

Prophecy made a significant impact by enhancing job visibility in the Quality Assurance (QA) department and other work centers. The management team can now see the status of jobs in QA, and the length of time spent in that department. The dashboard is automatically updated as jobs are transacted in SyteLine with no additional input required.

The dashboard also provides an in-depth view into jobs with unresolved MRRs or 'open' operations, enabling quicker resolutions and streamlined job close process. Additionally, the integration of a live data stream from SyteLine offers granular, pre-filtered analysis of work center throughput, allowing for real-time monitoring and proactive management of jobs for better operational success.

"Prophecy really makes it easy for planning. Prophecy provided the needed visibility and ability to correctly focus attention."

Challenges

1. Previously, this customer could not easily determine the number of jobs in QA, nor when jobs were expected to be completed.
2. They needed to increase visibility of department activities, which would result in greatly improved planning.

Why Prophecy?

Primarily to provide clear visibility of critical job status, and to make way for additional value-add with captured machine data.

ROI

- Time savings in tracking down jobs.
- Provides focus on jobs that are running behind to support on-time production.
- Realized improvements in planning leads to a reduction in quantity and time spent in QA.
- As they drive towards improvements throughput, the target is 90% of orders spending 48 hours or less in QA. With visibility leading to better planning, they have improved from 70% to meeting the goal of 90% last month.

Customer Success Story

HOLLMAN

Company

Hollman, Inc.

Location

Irving, TX

Industry

Hospitality, Furniture

Implemented Solution

Prophecy IoT®

Hollman, Inc. is the industry leader in locker design and solutions. We have manufactured more than ten million lockers for high-profile organizations, including the NFL, NBA, MLB, NHL, major American golf courses, corporate centers, country clubs, fitness studios and gyms, college campuses, museums, and hospitals. Hollman lockers are built to inspire teamwork, collaboration, innovation, and trust among those who use them.

Hollman revamps shop operation with Prophecy IoT®

A year after executing their Prophecy acquisition, Hollman is able to identify and isolate productivity killers in real-time by capturing real-time shop floor inputs from machines and operators while viewing the data in an easy-to-understand dashboard. The intuitive ecosystem unlocks new levels of efficiency and productivity. The locker-making machines became connected intelligent entities, and plant workers are empowered with simple faces allowing for the adaption, and optimization of their performance in real-time.

Notable Completed Objectives

1. Seamless bi-directional data with Infor Syteline bringing updated schedules for each machine and work center performing instant backflushes of labor and material for up-to-the-minute accuracy.
2. Andon boards with real-time monitoring of key performance indicators (KPIs) and critical information, allowing operators and managers to quickly assess the current state of operations. This instant visibility helps in identifying bottlenecks, production delays, or quality issues promptly.
3. Generating and collecting information from connected workers and machines, to drive predictive analysis of manufacturing losses.

Success Points

- Streamlined communication between shop floor operators and supervisors
- Downtime notifications to alert personnel immediately when a machine experiences downtime
- Digitized production information and metric data logging. No more pen and paper
- Centralized dashboard to track production in real-time.
- OEE tracking since they have never done that before, including performance, availability, and quality
- Material usage tracking directly from the shop floor to ERP (CSI)
- Operator tracking via clock in/clock out
- Scrap tracking to know scrap quantity and which operator

Customer Success Story



Company
SoundOff Signal

Location
Orlando, FL

Industry
Lighting and sirens

Implemented Solution
Prophecy IoT®

Challenges

SoundOff Signal needed a scalable solution that would allow production floor employees to accurately verify the correct items were picked and serial numbers were properly recorded for each job and operation.

Their existing process lacked a streamlined singular interface, which created gaps in reporting and increased the risk of errors. Additionally, it was critical that this interface be available across all work centers in the facility to ensure consistency and accessibility.

Lastly, they required a system that could seamlessly integrate with Infor CSI so that data captured on the floor would be automatically recorded in our ERP, reducing manual entry and improving data integrity. Prophecy IoT addressed all of these challenges by providing a user-friendly, real-time interface that connects our operations directly to CSI, supporting accuracy, efficiency, and traceability across our production process.

Benefits

The most important benefits we've experienced from using Prophecy IoT include improved accuracy in part picking and real-time data capture directly from the production floor, and seamless integration with CSI. This has led to greater traceability, reduced manual entry, and increased overall efficiency in our operations.

Production employees also saw significant time savings in not needing to clock-in and clock-out of job orders in our high changeover environment.

"The turnkey solution of Prophecy provides a very good starting point for an organization looking to improve its shop floor application footprint. The ability to add customized layers quickly is also a plus. The underlying data structure is clear and able to be used with other systems to reduce application development time for other processes requiring the same information."

ROI

Implementing Prophecy IoT has significantly reduced the time employees spend on manual data entry, allowing them to focus more on value-added tasks. The time saved across operations has translated into faster job turnaround and improved overall productivity.

Key Points:

- Prophecy IoT provided a customized interface that allows operators to process a job without touching a keyboard. Everything is setup for scanning and has increased efficiency on the shopfloor.
- Their ability to replicate component scanning for validating production jobs real time utilizing barcodes was a great plus.
- Prophecy IoT provides a method for SoundOff to run production without internet connection for an extended period, and then catch-up reporting when internet becomes available automatically.

"We selected Prophecy as our IoT software because it offered the most seamless and reliable integration with Infor CSI, which was critical for our operations."

Implementation

Our experience with Prophecy Professional Services was excellent. They delivered the project within budget, maintained a consultative approach throughout, and were consistently responsive to our needs and feedback.

Why Prophecy

We selected Prophecy as our IoT software because it offered the most seamless and reliable integration with Infor CSI, which was critical for our operations. Its native compatibility ensured that data collected on the shop floor flowed directly into our ERP.

Customer Success Story



Company
Revolution Mesquite Plant

Location
Mesquite, TX

Industry
Blow Film Plastic Sheetting

Implemented Solution
Prophecy IoT®

Challenges

Material usage variances greatly exceed acceptable levels.

Root Cause Analysis

The planned Bill of Materials follows engineering standards for the product, but material substitutions and proportion adjustments frequently occur during manufacturing. Because these changes were not properly documented, raw material consumption has been misreported, impacting the cost accuracy of the completed products and inventory management.

Why Prophecy?

Deployment of purpose-built Operator Interfaces with connections to blenders and connections to SyteLine that allow reporting of material substitutions and automatic sensing of proportion changes. This ensures accurate and efficient capture of actual raw materials used in the production of the blow film products.

"The project came within budget and timeline"

-Nick Kagen

Benefits

- Increased real-time visibility of production activity
- Increased production count accuracy and inventory accuracy

ROI

- Automated real-time capture of actual usage dramatically reduced raw material variance costs
- Accurate supply chain purchasing and stocking of material components
- Time saved doing daily inventory checks
- Time saved doing end-of-month inventory check