OMRON
SOLUTION
PARTNER
INNOVATION NETWORK

Factbird® Manufacturing Intelligence powered by Omron

Factbird gives you instant access to real-time production data from OMRON controllers (PLCs) for data-driven operational excellence. With the help of OMRON and Factbird, you will be able to make better decisions that increase the profitability and efficiency of your operations by having total insight into production performance.

Very easy to install, use, and maintain.

Real-time production performance visibility.

Immediate data-driven operational excellence.

Various data input options and easy-to-scale.

+22% OEE on average after 365 days with Factbird®

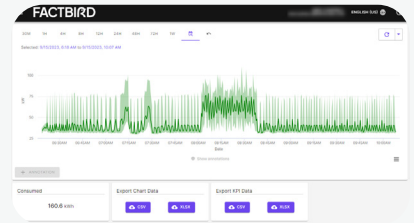# Imagine always having a complete overview of your production

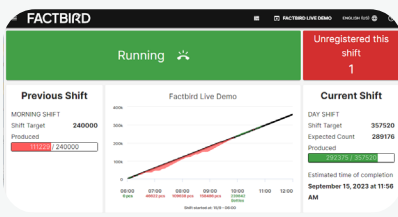## Equipment Maintenance

Quality and Process Optimization

Utility Monitoring

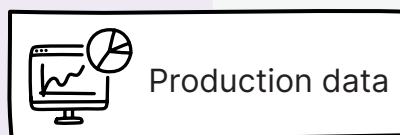## OEE and Production Monitoring

Video and Advanced Analytics

Factbird Manufacturing Intelligence powered by Omron

Production data

Traditional set up for gathering data

✓ Direct to Factbird

✓ Fast to install

✓ Easy to maintain

Manufacturing data goes straight to the cloud, skipping various automation layers.

Machine Controller PLC

Corporate Network
Historian SQL database

Industrial Network
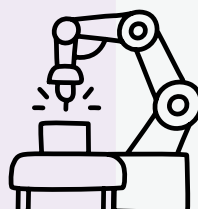SCADA server

PLC Network
Machine Controller PLC

✕ Many automation layers

✕ Expensive to install

✕ Difficult to maintain
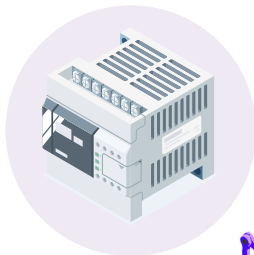
How to get PLC data in the cloud

The Factbird manufacturing intelligence solution accommodates numerous inputs and various types of data from sensors, machine controllers (PLCs), cameras and manual processes e.g., production counts, scrap data, batch information, energy consumption and process parameters such as pressure and vibration from machines.
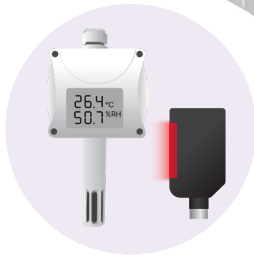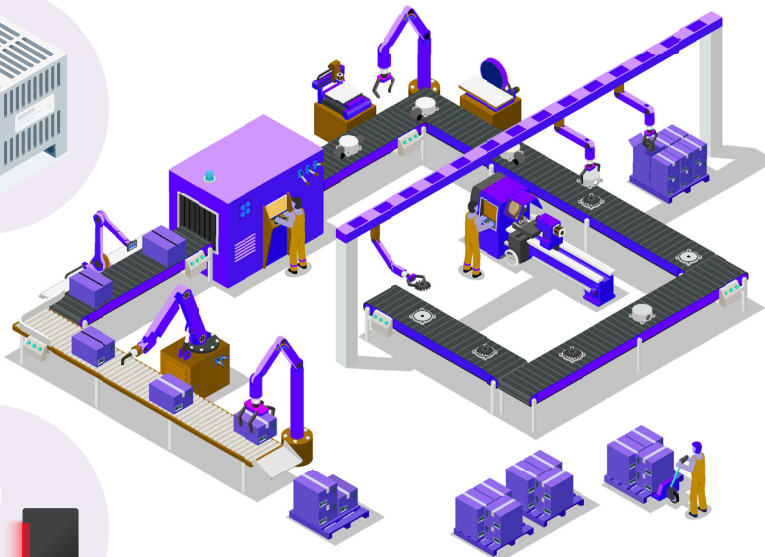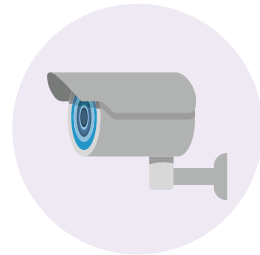
You gain immediate access to real-time manufacturing data, providing complete visibility of production performance and enabling data-driven decisions to enhance your factory's profitability and efficiency.
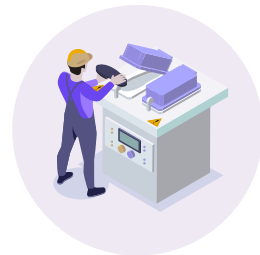

Machine controllers - PLCs from various brands

IP camera, USB camera

Digital, analog, and I/O link sensors

Manual processes

Data collection options

	Edge Devices and IIoT Gateways *Pre-configured IIoT devices and sensors to collect production data with no system interference*			Integrated Data Collection *Send PLC data directly to the cloud through MQTT or Kepware*	
	Factbird® Duo	Factbird IoT box with Omron NX1	Factbird® View (Video option)	Omron PLC	kepware Kepware (or similar)
Plug-and-play installation	✓	✓	✓	—	—
Serverless solution	✓	✓	✓	✓	—
Number of inputs	2 to 4	8 to unlimited	1 camera	Unlimited	Unlimited

Factbird IoT box with Omron NX1

Don't touch

A pre-configured IoT box with multiple inputs using I/O link master. Suitable for those who don't want to interfere with their current setup.

Existing PLCs & Omron NX1

Read out

An OMRON controller is connected to your existing machine controllers. Suitable for those who want their existing PLC data available in the cloud.

Omron NX1

Total control

OMRON controller serving as the main controller of a machine. Suitable for those who have an OMRON PLC and want the data available in the cloud.

Trusted by hundreds of manufacturers

Easiest Setup WINTER 2024
Best Usability WINTER 2024
High Performer WINTER 2024

G2 ★★★★★

Capterra ★★★★★

"By monitoring our production in real-time, we experienced an impressive 20% decrease in downtime"

Martin Ole Madsen,
Operations Excellence Manager EUR, Danfoss

ROYAL UNIBREW   Danfoss   FERRING PHARMACEUTICALS   autins   xellia PHARMACEUTICALS   Danish Crown

Website:
factbird.com

For overall inquiries:
info@factbird.com

For sales inquiries:
sales@factbird.com

Book a demo: