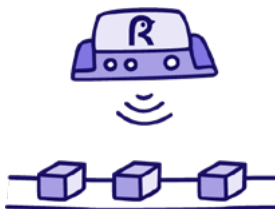# KNOW FOR A FACT WHAT'S CAUSING DOWNTIME ^

BOTTLENECKS
INEFFICIENCIES
DEFECTS

Factbird® is an end-to-end manufacturing intelligence solution that simplifies data gathering and analysis for all manufacturers. With this solution at your fingertips, you can finally take charge of your manufacturing efficiency and redefine the boundaries of success.

✓ No equipment upgrades required

✓ No IT integrations necessary

✓ Production remains uninterrupted
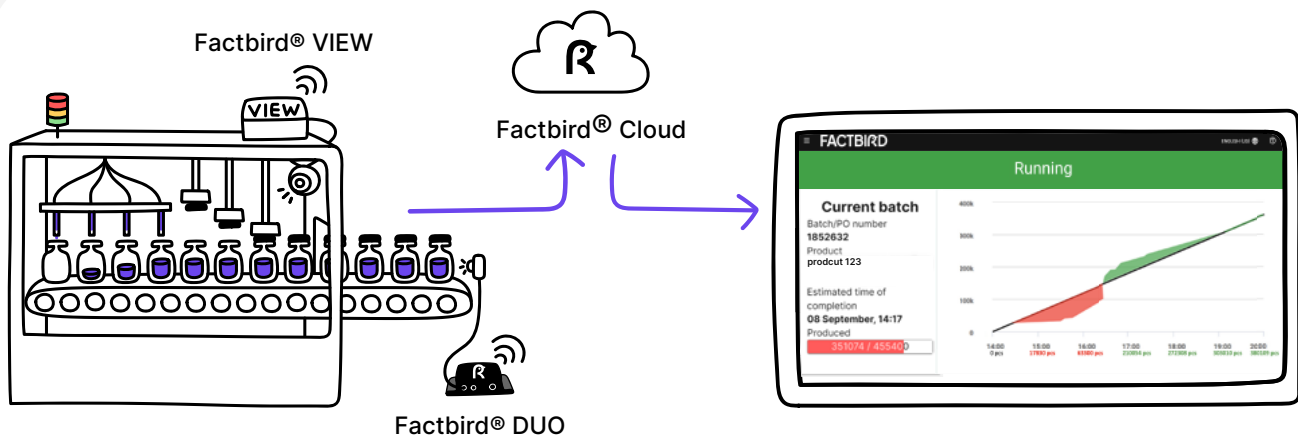
Collect data

Identify bottlenecks

Optimize production

+22

OEE

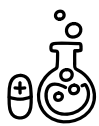**+22% OEE** on average after 365 days with Factbird®

Tap into the Power of Automated Plug-and-play Data Collection

How it works

Factbird® automatically collects manufacturing data from sensors, PLCs, and cameras using Factbird® edge devices or from your equipment's PLC. The data is securely transmitted to the Factbird® Cloud, skipping various complex automation layers, and transformed into real-time actionable insights.

Manufacturers using Factbird see significant OEE increase after only 1 year*.

Pharmaceutical	Food & Beverage	Industrial Equipment & Devices
+26%	+25%	+21%

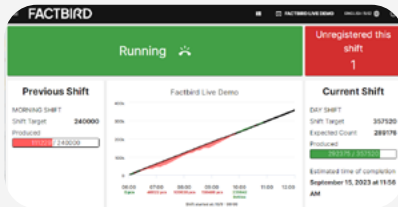| Construction & Building	Automotive	Packaging & Containers
+23%	+26%	+38%

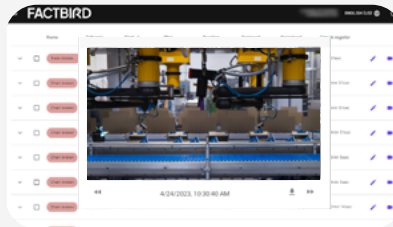*Based on customer data, between June 2016 and December 2022.

Factbird® Manufacturing Intelligence Solution

OEE and Production Monitoring

Factbird®'s OEE and Production Monitoring brings transparency to your production line, helping you identify downtime causes and make impactful improvements.

Video and Advanced Analytics

Factbird® brings visual analytics to your production line, offering a new perspective to understand operations better and drive meaningful improvements.

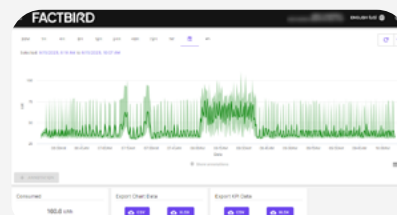## Quality and Process Optimization

With Factbird®, discover the potential for improvement in your manufacturing processes, ensuring optimal quality and streamlined operations.

Equipment Maintenance

Factbird® makes proactive equipment maintenance easier, reducing unexpected downtime and promoting consistent productivity.

Utility Monitoring

Factbird®'s utility monitoring helps you keep track of your energy and resource usage, enabling you to make smarter, more sustainable decisions.

Factbird® 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 Solutions for sending PLC data to the cloud through MQTT or Kepware	
	Factbird® Duo	Factbird® Omron NX1	Factbird® View (Video option)	Omron PLC	Kepware (or similar)
Plug-and-play installation	✓	✓	✓	—	—
Serverless solution	✓	✓	✓	✓	—
Number of inputs	2 to 4	8 to unlimited	1 camera	Unlimited	Unlimited
Input type	Digital/Analog	Digital/Analog/IO-Link	—	Digital/Analog/IO-Link	—
PLC connectivity	Copying PLC signals	Copying PLC signals	—	Direct PLC interface	Direct PLC interface
Device connection to the cloud	Cellular/Wi-Fi	Cellular/Wi-Fi/Ethernet	Wi-Fi/Ethernet	Existing network	Existing network
Event handling e.g. Auto stop cause registration	—	✓ Only in case of a few signals	—	✓	✓

Trusted by hundreds of manufacturers

G2 ★★★★⯪ Capterra ★★★★★

"It was impressive how quickly we completed the installation and we could access live data right away."

**Dean O'Loughlin,
Continuous Improvement Manager, Star Brands**

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

**Martin Ole Madsen,
Operations Excellence Manager EUR, Danfoss**

"We had scrap figures of 5 to 6% and we have managed to get them down to less than 1% after installing Factbird® NX1"

**Johann Wolf,
Industrial Engineering,
Erwin Quarder Group**

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