BLACKBIRD
SMART DATA COLLECTION

Make Your Factory More Efficient and Profitable
More Than an OEE System
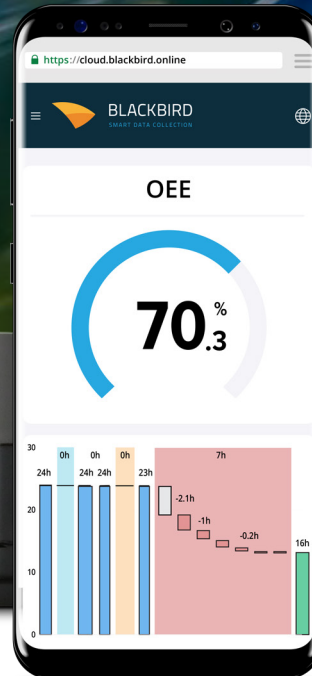
REAL TIME
PRODUCTION DATA
FOR **DOWNTIME**
ANALYSIS

OEE
ANALYSIS
TO INCREASE PRODUCTIVITY

MONITORING
FACTORY
KPIs
FOR PROCESS OPTIMIZATION

PROCESS
IMPROVEMENT
FOR COST REDUCTION

LIVE PRODUCTION
PERFORMANCE
TRACKING

The Blackbird solution is an end-to-end solution that consists of the Factbird® data collection hardware and the Blackbird Cloud Application on AWS. You can collect data from anywhere in your factory and use the built-in analytics to make your production more efficient and profitable.

Factbird® Duo – Plug and Play IoT Hardware

Fast implementation allows data to be used for process improvement immediately

2 CONNECTIONS
Wi-Fi & 4G/LTE

2 INPUTS
2 SENSORS

2 SIGNALS
ANALOG & DIGITAL INPUTS

Simple Usability
- Easy and fast plug and play installation
- Constantly improving hardware – firmware automatically updates via the internet
- Small in size – easy to install anywhere in the factories
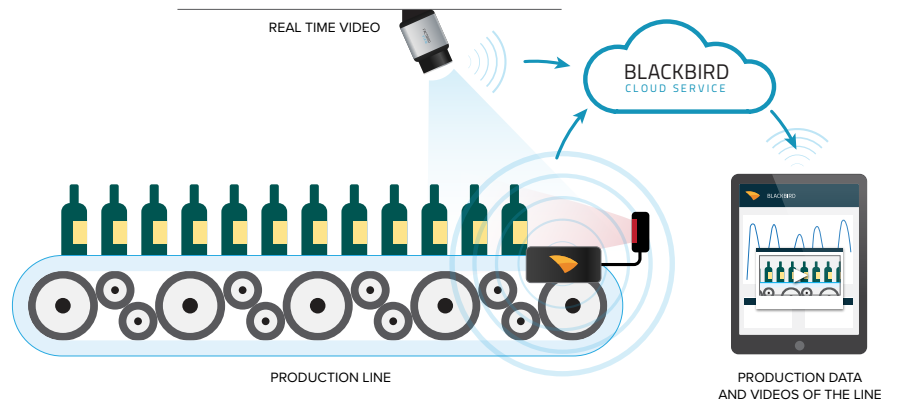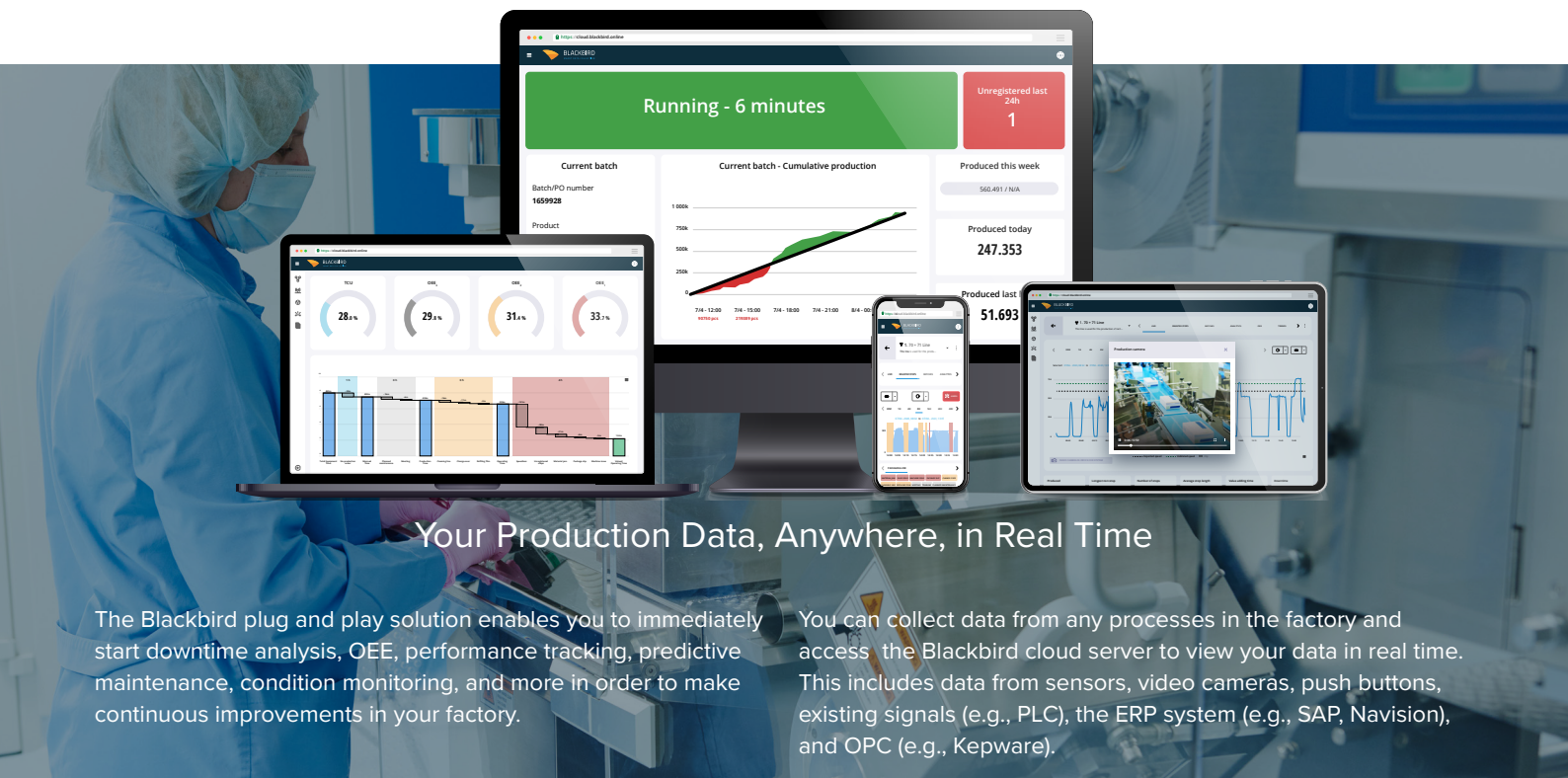
Advanced Security
- State-of-the-art encryption technology - data is always handled securely
- Secure network communication is enabled through advanced authentication technology

Reliable Uptime
- Extensive connectivity - Dual-Band Wi-Fi, 802.11a/b/g/n, 4G/LTE with fallback to 3G/2G
- Auto failover between Wi-Fi and 4G/LTE
- Automatic buffering in case of data connection failure

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The Blackbird Solution

Factbird® collects data from sensors (e.g., the number of units produced, temperature of materials, etc.) and sends it to a secure cloud server directly via Wi-Fi or mobile network (Ethernet available on Factbird® Pro and Factbird® Omron NX1).
The Blackbird Application analyzes and visualizes the data in the cloud, and you can see the data on a secure web-based user interface on your smartphone, tablet, and PC in real time.

REAL TIME VIDEO

BLACKBIRD
CLOUD SERVICE

PRODUCTION LINE

PRODUCTION DATA
AND VIDEOS OF THE LINE

Your Production Data, Anywhere, in Real Time

The Blackbird plug and play solution enables you to immediately start downtime analysis, OEE, performance tracking, predictive maintenance, condition monitoring, and more in order to make continuous improvements in your factory.

You can collect data from any processes in the factory and access the Blackbird cloud server to view your data in real time. This includes data from sensors, video cameras, push buttons, existing signals (e.g., PLC), the ERP system (e.g., SAP, Navision), and OPC (e.g., Kepware).

The Blackbird Product Family Wireless, encrypted, security token-based hardware

Do you need a fast and simple solution?	Do you need more input?	Do you need PLC data sent directly to the Cloud?	Do you need process videos?	Do you need IoT buttons?
Factbird® Duo	Factbird® Pro	Factbird® Omron NX1	Factbird® View	Check-in

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