

EVIDEN

Turn your Equipment Data into Business Value

Connect devices and sensors
within seconds. Create value
within a few weeks

Introduction

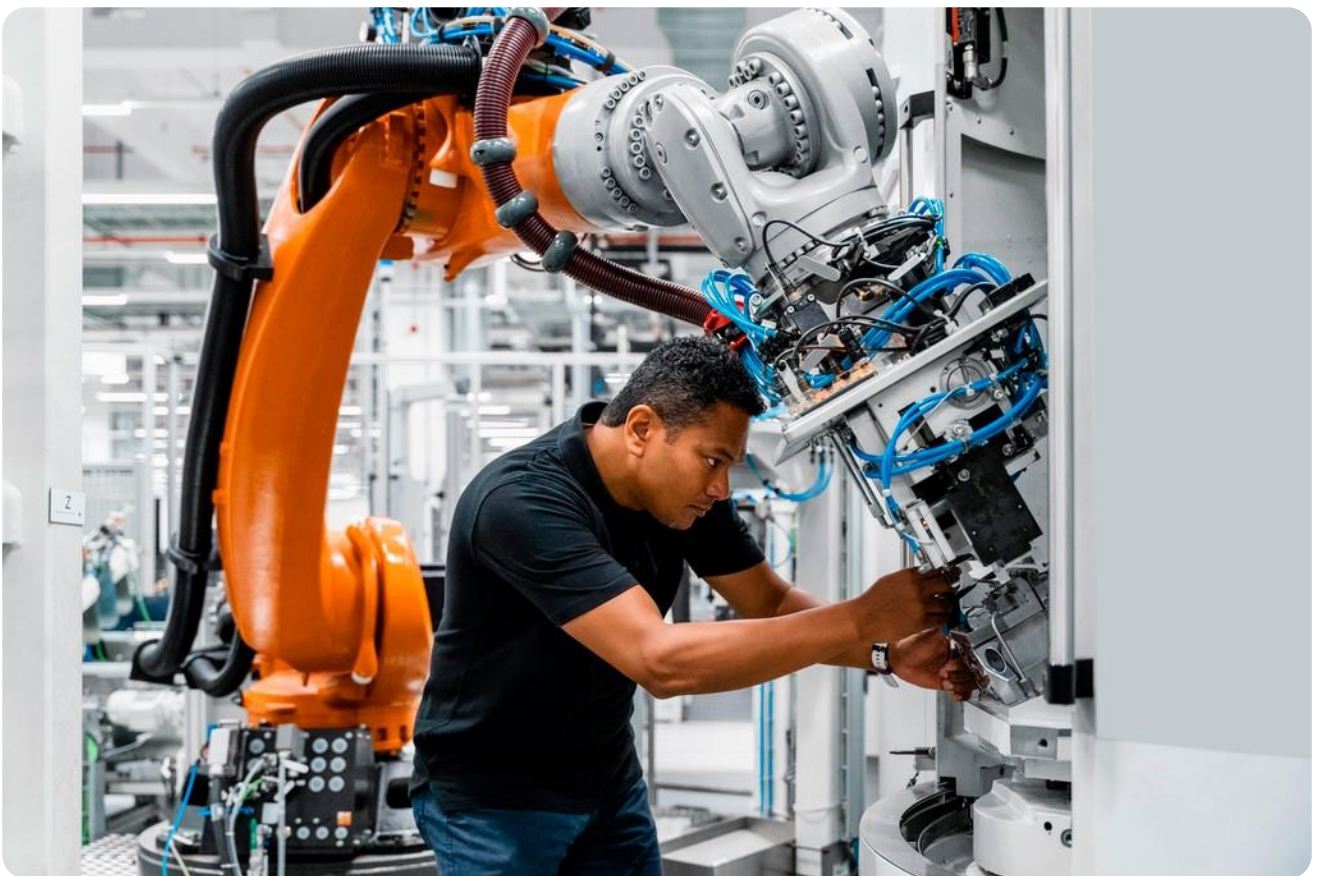
In a world led by digitalization even your shopfloor cannot fall behind in creating valuable insights in your business processes at the shopfloor.

Are you missing crucial data about your machines? And therefore, risking unnecessary stops of your production lines due to unplanned maintenance? Are you striving for more transparency at the shopfloor and to establish missing process monitoring and reporting?

Explore how the Eviden and Cloutrail solution can reshape and increase the efficiency of your shopfloor!

Why Eviden and Cloutrail are creating value

Eviden and Cloutrail focuses on YOUR **EQUIPMENT** (greenfield or brownfield) and **CONNECTING** it to **ANY DATA TARGET** you prefer. The connection time of a single equipment can be reduced by 80%.



Challenge

Create missing insights into your shopfloor and turn your equipment data into business value.

Solution

Every Industrial IoT project requires data from industrial assets. Eviden and CloudRail developed a solution to easily connect machines to cloud services to make OT data available and turn them into business value. It connects all data from the shopfloor and makes it available for any data target or IoT application. In brownfield scenario additional sensors are used for dumb machines to retrofit them and create missing insights. In a greenfield scenario OPC-UA (Open Platform Communication and Unified Architecture) capable sources like PLCs or SCADA systems can be connected via the CloudRail technology. The solution works with any leading Hyperscalers and supports a multi cloud strategy. The solution comes with a powerful edge device (CloudRail.Box, 4 core CPU and real time extensions) to ensure high performance. After making your data available in any data target the Eviden value Factory brings 14.0 Use Cases like predictive maintenance, OEE improvement or Anomaly detection to life!

Benefits/Value of Retrofitting

By retrofitting your old machines missing insights in your production environment can be created and production assets are connected 5x faster and 14.0 Use Cases can be implemented quickly:

- Increase your overall Equipment Effectiveness by 2% in a few weeks
- Strengthen your machine health, resulting in no unplanned downtimes
- Establish Predictive Maintenance and reduce the number of spare parts by up to 20%
- Optimize the consumption of Energy
- Automate the monitoring of process parameters. No manual collection needed

Solutions

Value Factory

Overall Equipment Effectiveness

+2% in few weeks

Machine health

No unplanned downtime

Predictive Maintenance

20% less spare parts

Milling Tool Life Prediction

No toolbreaks, No unplanned stops

Energy Optimization

MW savings per year

Process Parameter Monitoring

No manual process data collection

About the Author



Meet **Marco Eder**, expert in Smart Factory, Shopfloor Connectivity and IoT, in the **Manufacturing Industry**, specialist reshaping industry and creating value out of shopfloor data. Our Eviden insights empower your journey to innovation through practical expertise.

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EVIDEN

About Eviden¹

[Eviden](#) is a next-gen technology leader in data-driven, trusted and sustainable digital transformation with a strong portfolio of patented technologies. With worldwide leading positions in advanced computing, security, AI, cloud and digital platforms, it provides deep expertise for all industries in more than 47 countries. Bringing together 55,000 world-class talents, Eviden expands the possibilities of data and technology across the digital continuum, now and for generations to come. Eviden is an Atos Group company with an annual revenue of c. € 5 billion.

¹ Eviden business is operated through the following brands: Alia Consulting, AppCentrica, ATHEA, Atos Syntel, Bull, Cloudamize, Cloudreach, Cryptovision, DataSantics, digital.security, Eagle Creek, EcoAct, Edifixio, Energy4U, Engage ESM, Evidian, Forensik, IDEAL GRP, IDnomic, In Fidem, Ipsotek, Maven Wave, Miner & Kasch, Motiv, Nimbix, Processia, Profit4SF, science+computing, SEC Consult, Visual BI, Worldgrid, X-Perion, zData.

About Atos

Atos is a global leader in digital transformation with 107,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high-performance computing, the Group provides tailored end-to-end solutions for all industries in 69 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea) and listed on Euronext Paris.

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