



CortX Alchemy

Version 2024

Turning data into a performance driver



CortX Alchemy is a digital solution designed by an industrialist for industrialists, combining OT and IT skills with business expertise.

Why choosing CortX Alchemy?

- Unrivalled machine **connectivity** with DiziScop gateway
- Intelligent **Edge Computing** data processing
- A ready-to-use business **application platform**

What is its operational principle?

This solution interfaces with the **main connectivity standards** and collects machine and process data non-intrusively and at high frequency. Thanks to this unprecedented capability, business applications based on CortX Alchemy enable industrialists to **make informed decisions** to improve their plant's industrial performance.

What benefits can be expected?

- **Productivity** gains
- Improved machine **availability**
- Optimized **maintenance**
- Improved part **quality**
- Reduced **carbon footprint**



With CortX Alchemy, create value from your machine data.

Advanced business applications

High-frequency data acquisition (milliseconds)

Non-intrusive software

Low code / no code configuration

High connectivity

SIEMENS *Allen-Bradley*
Schneider Electric **FANUC**

Find an integrated range of business applications



Shopfloor Data Analysis

Quickly contextualize data to understand the origin of breakdowns.

Customized dashboard

Provide a specific and contextualized view of the production facility status.



Machine status monitoring

Monitor machine usage rate and identify faults to improve productivity.



Traceability

Identify the origin of breakdowns and improve quality thanks to the history of influential parameters and drifts.



Time Monitoring

Monitor and detect time drifts likely to cause faults and stoppage.



Energy consumption

Reduce carbon footprint by monitoring consumption directly at machine level.



Dry Run Cycle

Detect time drifts through regular analysis of axis and current operation.



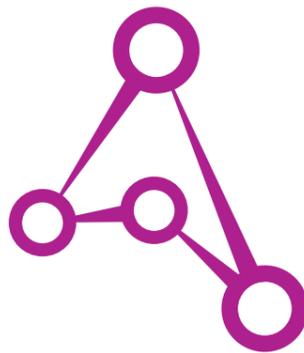
SPC variable monitoring

Understand and analyze defects by tracking metrics with alert mechanisms.



Condition-Based Maintenance

Prepare and plan maintenance operations based on actual equipment use.



With CortX Alchemy, make informed decisions to improve your industrial performance



Product Quality



Machine availability



Energy savings



Productivity gains

CONTACT

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Industry can do it