

SDMS Edge

Machine data, empowered decisions

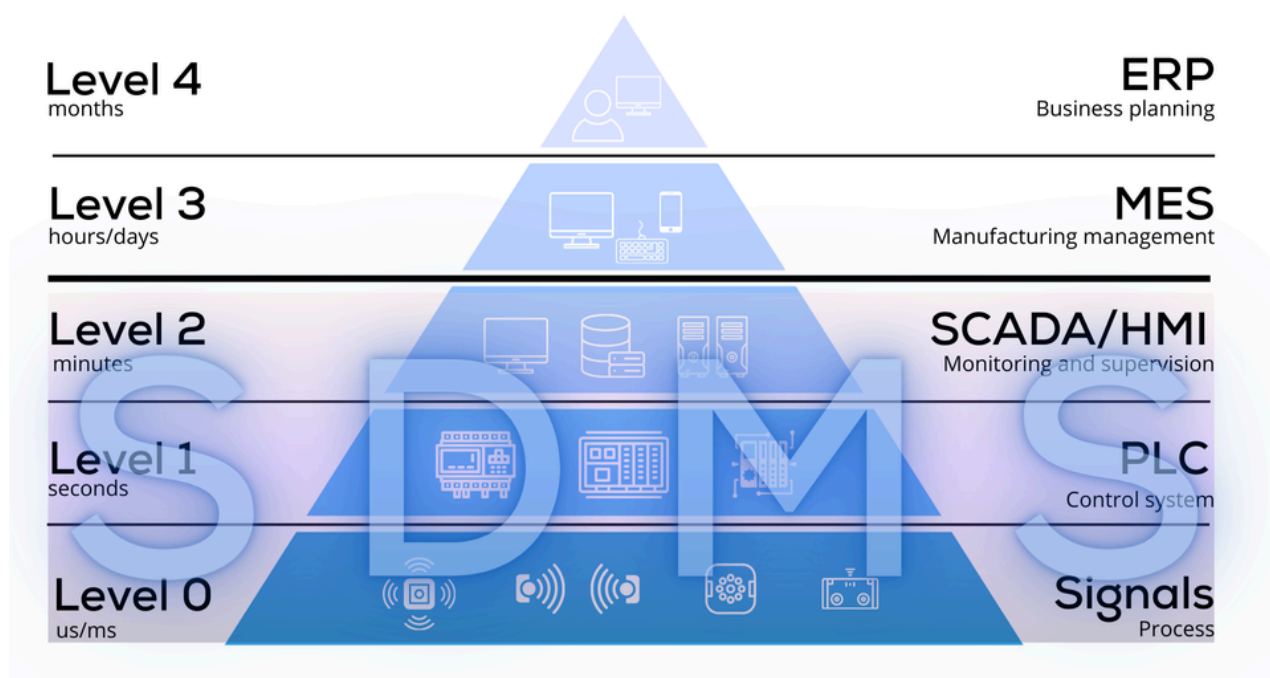


Total production control
Faster, easier, no complex IT needed

SDMS Edge Smart Data Machine System

SDMS is a cutting-edge, autonomous IIoT Edge Computing solution designed to capture, analyze, and report data directly from workstations, machines, and production lines – locally and in real time.

Fully independent and easy to deploy, it requires no complex IT infrastructure, yet integrates effortlessly with your MES, ERP, and BI systems.



In practice, SDMS gives you complete insight into your production process – from individual workstations and machines to entire production lines.

It is an all-in-one solution that provides accurate and comprehensive production data (such as output volumes, operating times, downtimes, and breaks) along with detailed process parameters (temperatures, speeds, weights, and more). In short, SDMS delivers exactly the information you need.

Data and reports

Reliable

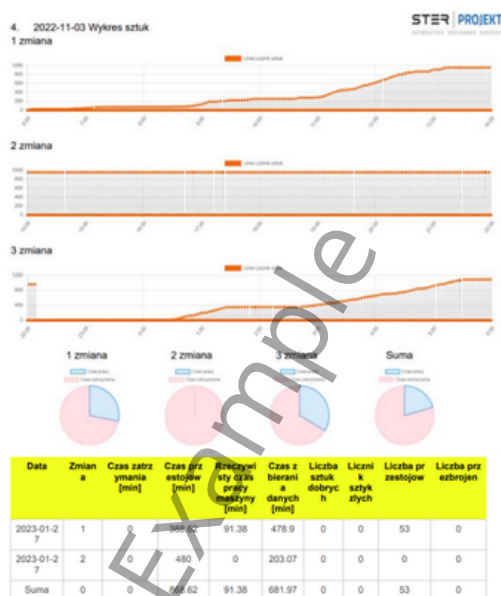
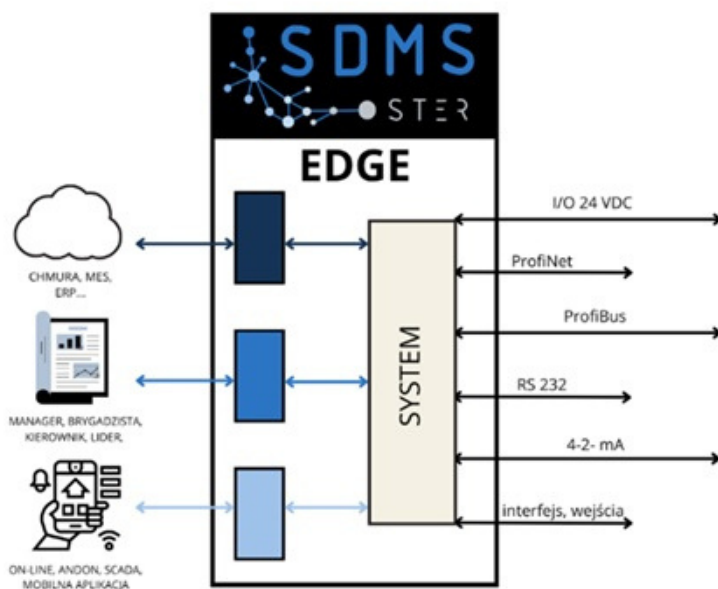
Forget about errors and delays from manual reporting. With SDMS, all data is captured automatically, giving you objective, real-time information that reflects the true state of your processes.

Complete

Gain full traceability of your operations – from machine start-up to shutdown. No data gaps, just a complete and transparent view of your production.

Relevant

SDMS captures only what matters: cycle times, downtimes, process parameters, energy usage, and material weights – delivering insights that drive real business value.



Reports – built around your needs

Example elements of a production report:

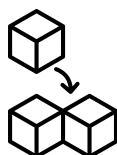
- order details and product type
- operator and shift start time
- planned vs. actual production output
- total units produced
- production end timedowntimes and micro-downtimes with duration details
- total number and length of all interruptions
- longest and shortest downtime
- operator comments with precise time stamps

SDMS at a glance



Edge Computing

Process data right where it's generated – on the device itself. Fast, secure, and with no impact on your factory network.



Modular and scalable

Easily expand your system to include more machines, workstations, or monitoring areas – SDMS grows with your plant, perfectly matching your evolving needs.



Fast implementation

Get your system up and running in just 3-5 weeks – no expensive or time-consuming IT infrastructure investments required.



Autonomous operation

SDMS works on its own – quietly in the background – with no need for complex IT infrastructure. At the same time, it connects seamlessly with MES, ERP, and other IT systems.



Effortless integration

Open interfaces (API, CSV, XML) make it easy to feed data directly into the management tools you already rely on – seamless and hassle-free.



Audience-specific reports

SDMS delivers real-time reports customized to the needs of each department – from production teams to executive management.

See SDMS in action

Celiko Food industry



With SDMS, Celiko completely eliminated manual record-keeping and gained full visibility into process history with automatic, real-time reporting. Operators were freed from paperwork and could concentrate on production. Standardizing cycles improved repeatability and product quality, while processes were streamlined by an average of 3%, saving both time and energy. Errors decreased, predictive maintenance was implemented, and the investment paid off in just 3 months. SDMS also accelerated the rollout of new products and became a central knowledge hub, driving innovation and continuous improvement.

Global Pets Food Meat industry



Implementing SDMS delivered tangible results for Globals, a meat processing facility. Production line availability rose by 15%, packaging consumption dropped by 5%, and waste was reduced by 1.5%. Operators saved an average of 20 minutes per shift, and reporting errors were entirely eliminated, greatly improving daily production workflows and data management efficiency.

Avanti - tools Tool industry



Implementing SDMS provided the company with full machine control and instant real-time insights. Downtime response times were reduced, organizational errors eliminated, and team discipline strengthened. With automatic reporting and mobile monitoring, the company gained reliable data, enabling cost savings, waste reduction, and greater flexibility in planning short production runs. The system proved highly adaptable and ready to scale as the business grows.

Why SDMS is a game-changer

- Process all your production data locally and in real time, giving you instant visibility into what's happening on the shop floor.
- SDMS quickly identifies and reports downtimes, errors, and inefficiencies, helping you reduce waste, save time, and cut production costs.
- Whether it's daily updates for supervisors, monthly summaries for management, or alerts for maintenance teams, SDMS delivers the right data to the right people.
- Start benefiting from the system from day one. In just 3–5 weeks, you have a fully functional tool generating reports and supporting smarter business decisions.
- We provide full implementation and continuous updates, ensuring your system adapts to your evolving production needs.
- SDMS seamlessly connects with your existing MES, ERP, and other tools via APIs and CSV/XML files. Data flows automatically to your management systems without the need for extra IT infrastructure.
- All processing happens on-device (Edge Computing), leaving your network and servers free. SDMS can also operate independently, delivering reports even without integration. All data is stored locally and remains fully under your control.



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