

SCADA SERVICES

We deploy solutions
customised to the
processes performed
at your specific
production site



amister.pl/en

amiSter
solutions for the industry

SCADA SYSTEM BENEFITS

Streamlined monitoring of industrial processes through automated control, visualisation of current and archival production data, digital reporting, and more.

A modern solution can mean so much more, though – learn the possibilities for deploying a SCADA project with us!

WHY CHOOSE US?

- Automatic control and efficient adjustment of production processes.
- Improved safety – the system can make the decision to close a specific valve or secure tanks against improper activation, for example.
- Faster reaction times through automatic alerting and sending e-mail or text-based messages, and more.
- More efficient utilisation of human resources.
- Improved efficiency, elimination of wastage, and reduced production costs.
- Greater production flexibility and agility.
- Control system integration with business process support software.
- Our software can be deployed as a cloud-based solution.

WE IMPLEMENT WORLD LEADING PRODUCERS' SYSTEMS

We have competences for the following solutions and more.

**AVEVA
InTouch,
System
Platform**

**COPA-DATA
zenon**

**Mitsubishi
Electric
ICONICS**

**Siemens
SIMATIC
WinCC**

**GE
Digital
iFix**



HOW WE WORK

WE KNOW PRODUCTION TECHNOLOGIES

Through many years of cooperation with domestic and international factories in the automotive, food, chemical, and home appliance industries, we have gained extensive knowledge in production technologies. Our employees have competences in integration with industrial automation and IT systems.

WE PROVIDE ADVICE ON SOLUTION SELECTION

We are experts in IT systems for factories. We develop and implement original solutions, we develop our clients' systems, and we implement software (SCADA) of global leading manufacturers. Our advice system is based on learning the challenges that our client faces, and suggesting tools that provide genuine support for factories. Our clients do not have to be IT system specialists. We go through the entire value delivery process together.

WE VALUE SECURITY

We place special emphasis on online security. We support our clients by delivering guidelines for safe network infrastructure based on individual communication channels with control systems.

WE FOLLO TESTED AND PROVEN STANDARDS

The SCADA systems we implement control the factories of large, well-known brands. This has allowed us to develop solid and effective standards for visualising executive elements. To prepare a preliminary price estimate, we only need the number of screens, signals exchanged with the system, and PLCs. This ensures our clients are able to quickly make their investment decisions.

Collecting production process information

— including control tasks, machine activation and deactivation, exceeded setting, archival information.

Control over orders and equipment they use

— the operator can only active tanks according to the formula (locking of tanks and formulas).

Real-time data exchange with controllers or I/O modules.

Display of tank levels and resource quantities.

Highlighting of current material transport routes and machine or robot animation – one glance is enough to know where a material is transported from (e.g. a tank).

CAPABILITIES OF OUR MODULAR SOLUTIONS (SCADA)

Historisation for different data types — process data recording based on an optimal data recording method using the delta system.

Work monitoring — when working in the system, the operator must be logged in. The changes made are recorded, making it easy to check who made a modification and when.

Safe manual control — implement safeguards that allow manual control of equipment only for authorised persons and under specific conditions. We achieve this level of safety through close cooperation of controllers with the IT systems.

Status assignment for communication with object devices.

Reporting based on historical data — we use tools embedded in the SCADA system and third-party solutions, including Microsoft Reporting Services, Microsoft Power BI.

Formulating
— multi-stage customisation to fit the client's production process.

Real-time efficiency monitoring.

Standardised object views — what the system displays reflects the actual equipment located at the production floor. We take great care to ensure repeatability of similar elements, as it improves convenience of use by the operators. Standardisation also means faster scalability of the solution in the future.

Operator instructions
— leading the operator 'step by step', so he or she knows how to perform a particular operation.

Window alerting — an operator in a SCADA system can have visualisations for several dozens of screens. With window highlighting, the operator instantly knows where to react.

Parameter linking to product — enables, for example, quick remote modification of temperature to maintain high quality of the product.

Control room
— view multiple threads on a single screen.

Full integration capability with other IT systems (including MES, ERP, DCS).

Production run charts
— build historical and current trends.

Diagnostics for devices, controllers, and entire automation nodes.

We have deployed systems for:



AUTOMOTIVE INDUSTRY

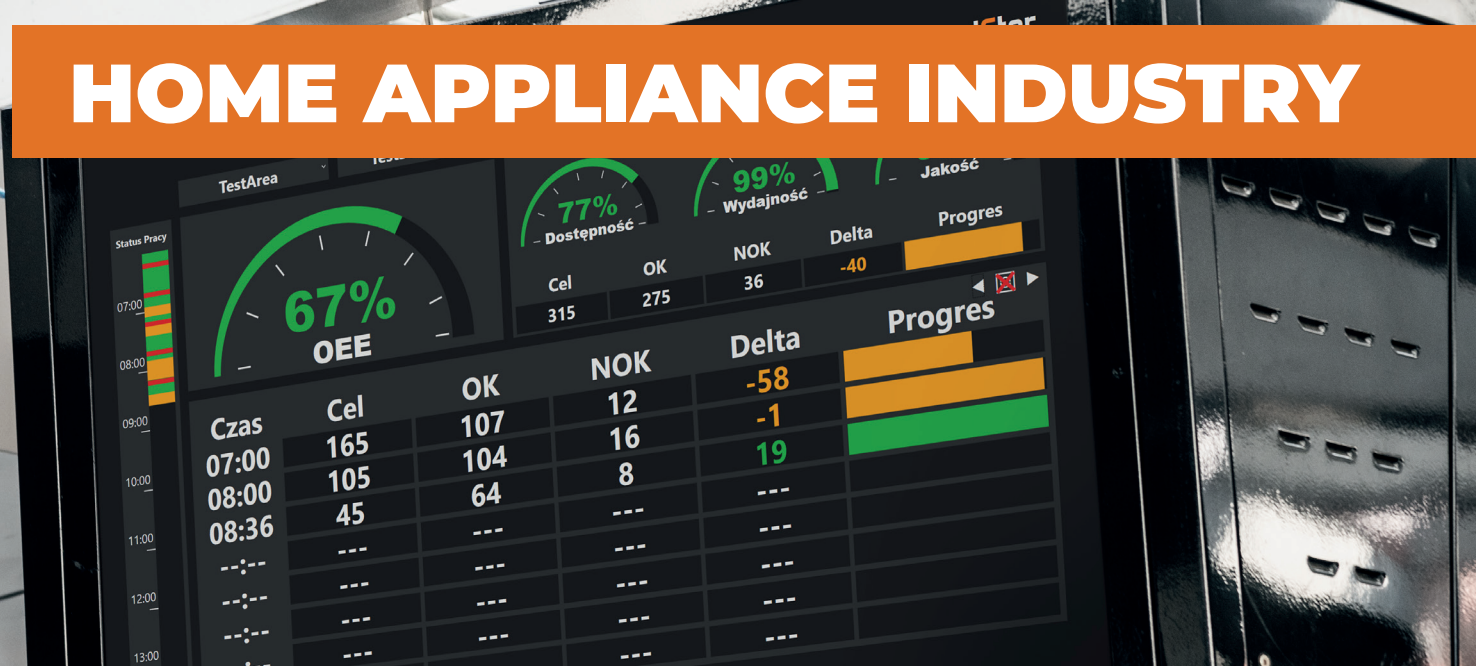
FOOD INDUSTRY



CHEMICAL INDUSTRY



HOME APPLIANCE INDUSTRY





amiSter

■ solutions for the industry

Contact

amiSter sp. z o.o. sp.k.
29 Pod Lipami Street
41-940 Piekary Śląskie, Poland
stelmacha@amister.pl
+48 883 069 444

