

SOLUTIONS SCADA FOR MODERNIZATION MILLS

SCADA systems provide centralized monitoring and control of processes, improving efficiency and reducing downtime.

- Real-time monitoring: Monitoring of grinders, screens and conveyors.
- Quality optimization: Automated control of particle size, product quality and alerts in the event of deviations.
- Energy efficiency management: Reduce costs by controlling the use of motors and machines.

Modernization of a Food Mill:

- Problem: Limited productivity and high energy costs.
- Solution: Installation of a SCADA system to monitor production in real time and optimize the use of resources.
- Results: 20% increased productivity, 15% reduced energy costs.

Advantages for the Mills:

- Centralized control for simplified management.
- Improvement of product quality and traceability.
- Reduced interruptions through predictive maintenance.

WHY CHOOSE ISE?

- Recognized expertise in, industrial modernization.
- SCADA solutions adapted to old installations.
- Quality commitment and ongoing support
Customer Testimonial.

Innovation: Solutions adapted to the needs of each client.

Reliability: Continuous support and quality monitoring.

Customer Engagement: Personalized solutions and dedicated support.



Embedded Systems Engineering

INDUSTRIAL SERVICES
COMPANY
SINCE 2012

PLC
SCADA

OPTIMISER ET AUTOMATISER
VOS INSTALLATIONS INDUSTRIELLES

"ISE"

(Embedded Systems Engineering)

Is a company specializing in the integration of electrical and automation solutions. Founded to meet the optimization needs in the industry, our company is committed to providing tailor-made automation solutions, particularly suited to older installations, without requiring costly replacements.

Our methodology ensures a smooth transition and measurable results through clear implementation steps:

- 1 INITIAL EVALUATION**
Technical audit of your installations to define modernization needs.
- 2 DEVELOPMENT OF THE SOLUTION SCADA**
Design and integration of SCADA, adapted to your existing machines and installations.
- 3 INSTALLATION AND TRAINING**
Gradual implementation and training of your teams for effective handling.
- 4 MONITORING AND SUPPORT**
Technical assistance and ongoing maintenance to ensure optimal performance.

24/7 Technical Support

Our team is available to ensure production continuity and intervene if necessary. Thanks to our responsive support, we guarantee high quality service and maximum satisfaction.

Predictive Maintenance

With SCADA, we implement predictive maintenance strategies to avoid production shutdowns and extend the life of

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OUR CORPORATE VALUES ARE THE FOUNDATION OF EVERYTHING WE DO.

We are committed to providing quality service and ensuring customer satisfaction. Boost your productivity and transform your facilities into intelligent systems with our automation and SCADA solutions. If you have any questions or would like to discuss your specific needs, please do not hesitate to contact us.

SCADA SOLUTIONS FOR BAGGING AND PACKAGING

Automation of Bagging and Packaging Towards Error-Free Production

With SCADA integration, bagging and packaging processes can be transformed to ensure accuracy, speed and traceability.

Key Features:

- Precision Control:** Automatic dose measurement to avoid bagging errors.
- Cycle time optimization:** Acceleration of packaging, reduction of losses. Traceability
- Management:** Identification and tracking of batches to guarantee quality and compliance.

Case Study: Automation of a Packaging Plant

- Problem :** Frequent errors in packaging volumes and poor traceability.
- Solution:** Installation of SCADA ,with automatic quantity control and batch traceability.
- Results:** Reduction of packaging errors by 30%, improvement of traceability by 100%.

Benefits for Bagging and Packaging:

- Reduced costs related to errors and waste.
- Improved quality and safety of finished products.
- Real-time production monitoring for quick adjustments.

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