

SOLUTIONS SCADA

FOR MODERNIZATION

OLIVE OIL FACILITIES

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

- Real-time monitoring: Monitoring of extraction machines, centrifuges, filters, and refiners.
- Quality optimization: Automated control to guarantee a pure olive night that complies with standards.
- Optimization of resources: Reduction of energy and water consumption during production.

Modernization of an olive oil mill:

- Problem: Limited productivity and frequent interruptions, lack of traceability.
- Solution: SCADA integration to control production in real time and detect potential failures.
- Results: Increase in production capacity by 25% and reduction in operating costs by 20%.

Benefits 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 each client.

Reliability : Continuous support and quality monitoring.

Customer Engagement : Personalized solutions and dedicated support.



Embedded Systems Engineering

INDUSTRIAL SERVICES
COMPANY
SINCE 2012

*Modernization,
efficiency and quality: a new era
for your industrial installations!*

"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**
CADA: 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 satisfaction.

Maxi mum operation.

Predictive Maintenance.

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

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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 PACKGING

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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