

# STORAGE, CONVEYING, AND DOSING SYSTEM



# IT SOLUTIONS FOR AUTOMATION AND DATA MANAGEMENT



SCADA - Optimal process control

- Intuitive operator interfaces
- Recipe management & planning
- Traceability
- ERP integration

## APPLICATIONS

Technosilos designs, develops, and installs Batch Management Systems in the form of HMIs on individual panels and SCADA architectures on PCs.

Our operator interfaces maintain control over the display and recording of all ingredients, both automatic and manual, ensuring strict adherence to the recipe.

The process management level is integrated into the supervisory and data acquisition system (SCADA). It offers recipe management, scheduling, visualization, and tracking. All supplied batches and incoming raw materials can be traced and reviewed at any time.

## DESIGN

Software development takes place through collaboration with our main industrial automation partners such as Siemens, Schneider, or Allen Bradley, with the aim of ensuring:

- Advanced and intuitive user interfaces;
- High performance levels;
- Reliability;
- Customer support;
- 24/7 remote assistance.

The package offers a complete visualization of the work process. It can be easily integrated with existing information systems. Additionally, numerous customizable modules can be implemented based on the customer's specific needs to control, trace, and manage information to and from production.





STRONG CONNECTION, STRONGER SOLUTIONS.

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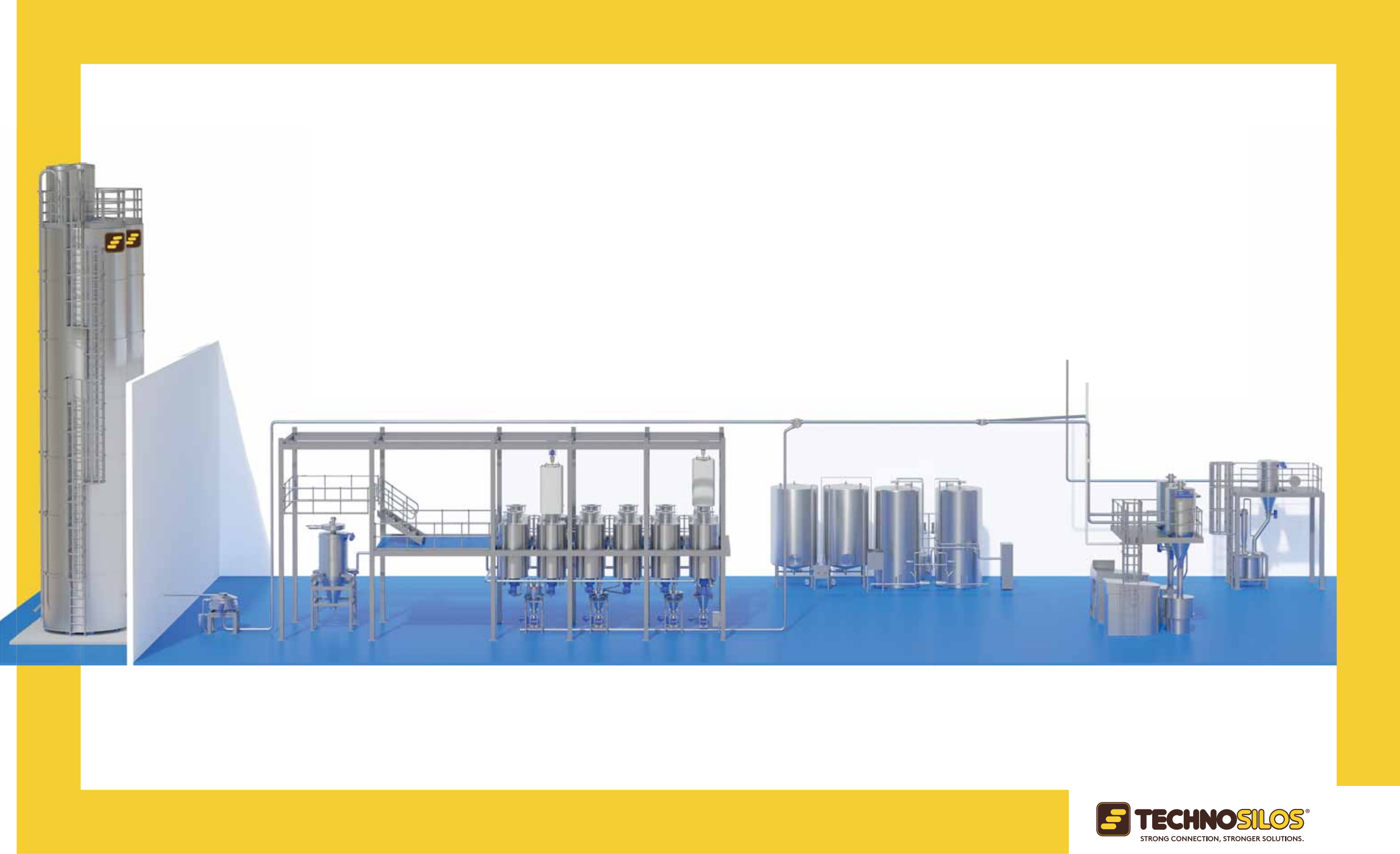


MISTO  
Carta / A sostegno della  
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# AUTOMATED SYSTEMS FOR THE DOSING OF POWDERS AND LIQUIDS

# DOSING SYSTEM FOR POWDERED AND LIQUID INGREDIENTS



# CUSTOMIZED SOLUTIONS FOR EVERY PRODUCTION NEED

Technosilos provides automated solutions for the management of solid and liquid raw materials, from storage to dosing. The management can cover all areas, from tanker truck unloading to ingredients sourced from the warehouse.

Technosilos systems process all transactions and the inbound and outbound flow of goods. Traceability functions enable the collection of historical storage and recipe data, allowing batch control with the aid of technologies such as barcodes or RFID. Statistical reports on consumption and production batches can be integrated into the company's management system.

Technosilos technology can also be integrated into the most obsolete installations, upgrading existing systems of any origin and bringing them up to modern standards, ensuring high dosing accuracy. Through apps for smartphones or tablets, users can conveniently monitor the production process and check the system status.

Solutions can be customized to meet client needs in terms of space and layout, with site assessments, as well as performance and precision requirements. The systems can handle the dosing and mixing of both macro and micro components, in either powder or liquid form, using batch or continuous processing systems.

Technosilos is always focused on preserving the quality of ingredients, avoiding unnecessary thermal and mechanical stress. This is achieved, when necessary, through advanced technologies such as dense-phase pneumatic conveying, cold dosing, and other systems designed to achieve excellent results.

Technosilos systems naturally comply with the strictest international requirements for hygienic design and safety.

