Food and Beverage Industry Challenges

Fragmented manufacturing environment and aging infrastructure

Fragmented environments are inhibiting beverage manufacturing productivity.

- Incompatibility: Equipment from different vendors or generations can be incompatible.
- Increased Costs: Manually integrating systems increases time and costs.
- Aging Infrastructure: Increased risk of downtime and lost production and higher maintenance costs.

Modernize fragmented manufacturing environment using step-by-step approach

- Keep PLC Platform: Keep as much of your existing PLC platform as you like. Connect and optimize fragmented environment over time.
- Add Components: Step-by-step, add or replace EtherNet/IP-enabled components like drives, HMIs, and switches.
- Interoperability: Fully operable automation components for max plant-wide interoperability.
- Open Standards: Every component is based on global, open standards, not proprietary formats.
- Intuitive Interface: Uniform interfaces that are easy, intuitive, and offer drag & drop editing.
- Connected Plant: One engineering platform for all tasks including linkage to legacy systems.
- Lower Costs: Customers save an average of 30% on engineering and commissioning.
- Digital Environment: Skilled talent wants to work at digitally enabled companies.
- Data Exchange: Continuous data exchange with control system for consistent, real-time data.
- System Diagnostics: Integrated, real-time system diagnostics for easier commissioning.
- Integrated Safety: Built-in integrated safety is efficient & precise, leading to better machine uptime.
- View Best Practices: Learn how to minimize breakdowns with predictive maintenance.
- View Survey Results: Five findings to consider when integrating systems in a beverage plant.

Implement high-tech automation for maximum interoperability across operations

1. Keep PLC Platform
2. Add Components
3. Integrate Safety
4. Lower Costs
5. Digital Environment
6. System Diagnostics
7. Data Exchange
8. View Best Practices
9. View Survey Results

Read more about addressing fragmented manufacturing with high-tech automation

Published by Siemens Industry, Inc. 2017.
Siemens Industry, Inc.
800 North Parkway
Alpharetta, GA 30005
For more information, please contact our Customer Support Center.
Phone: 1-800-241-4453
Email: info.us@siemens.com
usa.siemens.com/foodbeverage
© 2017 Siemens Industry Inc.