Increasing Quality and Compliance

Due to increased regulatory scrutiny on the food and beverage industry, manufacturers are seeking ways to be assured the process has not been altered without approval.

MDT AutoSave is part of the change management and audit infrastructure that ensures regulatory compliance. Tracking changes in PLC, HMI and workstations is integral to protecting your process, people, and end-product. AutoSave's unique features, including internal security capabilities, have long been beneficial to regulated industry sites in meeting the requirements of the FDA.

Changes happen. Manage them.

MDT AutoSave empowers users to protect, save, restore, discover, and track changes in industrial programmable devices and plant-floor documents. AutoSave unifies automation software under one common user interface and results in a secure, well documented, controlled environment that dramatically reduces coordination constraints, wasted effort, and safety issues. AutoSave allows users to:

Reduce Errors and Downtime

The key to rapid recovery is the ability to access and download the correct program to the device. In providing a common central repository of all changes, MDT AutoSave can ensure that if a device fails, the most current copies of program logic and documentation are available so plant operations can be restored quickly and correctly.

Improve Security

AutoSave is designed to manage access to program areas and programs via a flexible privileging system. When physical access to automation devices is prohibited (ensuring changes can only be made through MDT AutoSave) all changes in program logic are recorded by user, date, time, location and specific change detail. When physical access to the devices is possible, AutoSave periodically compares the program running in each device with the program copy on file in AutoSave and identifies any differences. An email notification is then sent highlighting these differences.

Increase Productivity

There can be numerous disks and laptops located throughout the plant, each containing different program and document versions. Inefficiencies are inevitable, costly and even dangerous. In providing a common central repository of all changes, historical changes can also be analyzed to identify bottlenecks and observe trends in programming practices so operational improvements can be made.

Electronic Approval & Audit Trail Management Support

- Secured and limited program or feature access
- Electronic signatures, timestamps of changes
- Computer generated, permanent audit trails: who, what, when, where, why of changes
- Record and file retention in secured server
- Automatic notification of changes
- Scheduled program verification
- Library management with real-time archiving
- Broadest range of supported architectures, devices, and editor software applications

AutoSave Supported Devices

AutoSave supports the most comprehensive range of devices and programming software in the industry including:

- Schneider Electric
- Siemens
- Bosch Rexroth
- Invensys
- Omron
- Fanuc
- Mitsubishi
- GE
- Rockwell Automation/Allen-Bradley
- ABB and more

Complete Control Over Device Programs

MDT AutoSave's client modules are integrated with your programming editors to offer both an interactive environment and background monitoring. You have complete control over your device programs including:

- Secure on- and off-line editing with immediate, central library archival of changes
- Historical tracking and audit trails
- Automatic change discovery and real-time notification
- Rapid disaster recovery
- Comparison on demand and automated comparison
- Version-specific modules for your editors

Our Customers

For over 25 years, MDT Software has enabled global industry leaders to gain control of escalating automation challenges and ease change control burdens by providing advanced version control for PLC and other automation devices. Our commitment to continual development of innovation solutions has made MDT AutoSave the corporate standard for plant automation device management in many of the most advanced manufacturing facilities in the world. Our customers include:

- 3M
- Abbott Nutrition
- American Sugar
- Arla Foods
- BASF
- BHP Billiton
- Bristol-Myers Squibb
- Chevron
- Chrysler
- C&H Sugar
- Coca Cola
- Dairy Crest Ltd.
- Eli Lilly
- Farleys and Sathers

- Fonterra Ford
- General Milles
- Hospira Inc.
- IDEXX Operations Inc.
- Ingredion
- Johnson & Johnson
- Land O'Lakes
- Lorillard Tobacco Company
- Mars
- McCormick
- Medicago
- Merck & Co.
- Miller Brewing
- Nestle

- Patheon
- Proctor & Gamble
- Purac Biochem
- Rich Products
- SAB
- Santa Cruz Nutritionals
- S&D Coffee
- Synlait
- Lyle & Tate Sugars Ltd.
- Toronto Water Center
- Water Corp
- Weetabix
- Wrigley

For More Information

To find out more how MDT can safeguard your PLC, CNC and other devices with automation change management, please visit www.MDT-Software.com.

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Automation Change Management