

AS⁴SP AutoSave Change Management Support for Wonderware System Platform

AutoSave for System Platform provides change management for ArchestrA application objects including graphics, templates, instances and more. Full version history and revision details are available for all objects.

In addition, the ability to compare two revisions, report differences and restore an older object version from AutoSave to the Wonderware Galaxy Repository is invaluable during the engineering development and maintenance phases of an application.

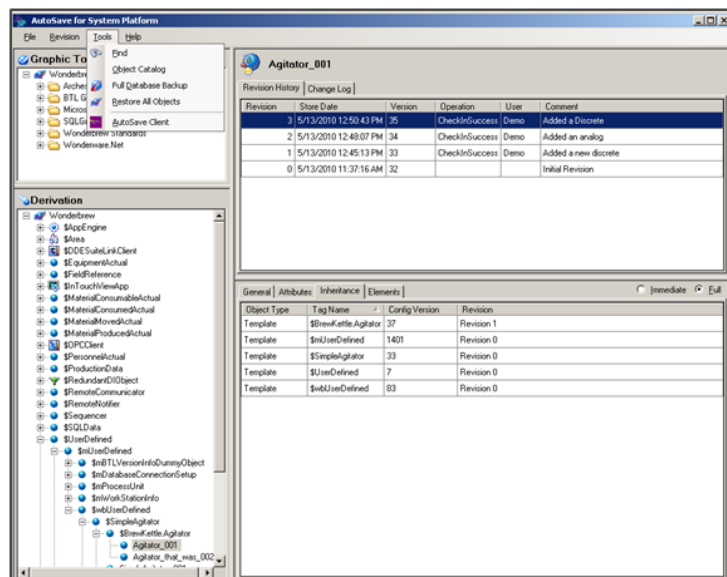
In uniting the System Platform solutions with MDT AutoSave, the automation industry's most advanced change management and version control software, customers gain the ultimate automation control environment where valuable assets are secured, documented and readily available for rapid disaster recovery.

Advanced Change Management for System Platform

AutoSave for System Platform provides change management for objects including graphics, templates, instances and more, within the Wonderware System Platform environment. Using the AutoSave for System Platform client, the version history and revision details of each object in a Galaxy can be viewed and compared intuitively. To protect against unexpected change issues, restoration of changed objects back to prior states from the AutoSave history database with auditable change tracking is supported.

Built upon MDT AutoSave, the automation industry's most advanced change management and version control software, AutoSave for System Platform gives users the ability to protect, save, restore, discover, and track changes not only to Galaxy objects but also in industrial programmable devices and plant-floor documents.

With AutoSave for System Platform, gain the ultimate automation control environment where valuable assets are secured, documented and readily available for rapid disaster recovery.



AutoSave for System Platform Client Interface



AutoSave for System Platform: Advanced Change Management Support

Lower Risk and Increase Control

AutoSave complements Wonderware System Platform with unparalleled change management that lowers risk and increases control.

- *Remove undesired changes:* The key to “undoing” an undesirable program change is to maintain a history of all revisions. With AutoSave for System Platform users can access and restore prior copies of objects which is essential in restoring plant applications quickly and correctly.
- *Access prior versions of objects:* The version history of all objects is stored in AutoSave for comparison or reuse.
- *Detect differences in versions:* AutoSave for System Platform provides the ability to compare any two versions of an object with detailed identification of changes.
- *Gain insight into an object’s associations:* A template may have many instances; AutoSave for System Platform provides the ability to see how one object is associated with others.
- *Restore object changes following a Galaxy restoration:*
If a Galaxy becomes corrupted and must be restored from a backup, AutoSave for System Platform can provide object updates that occurred immediately prior to the event.



Capture Changes as They Are Made

The AutoSave for System Platform server software runs on the Galaxy Repository (GR) system and acts as a monitor of incoming activity while capturing changes as they are made. By actively managing the GR, AutoSave for System Platform can track changes for multiple users, simultaneously.

AutoSave for System Platform has an intuitive client interface that provides access to historical data archived in the AutoSave Server. This includes graphical objects, templates, client controls and managed InTouch applications.

Object Type	Tag Name	Config Version	Revision
Template	\$BrewKettle.Agitator	37	Revision 1
Template	\$InUseDefined	1401	Revision 0
Template	\$SimpleAgitator	33	Revision 0
Template	\$InUseDefined	7	Revision 0
Template	\$InUseDefined	83	Revision 0

- Additional tabs of information, such as “Inheritance” and “Derivation”, provide additional data that is not found in the IDE.
- Operations are a single-click away to provide users with the ability to compare or restore to a prior revision of a graphical object or template.

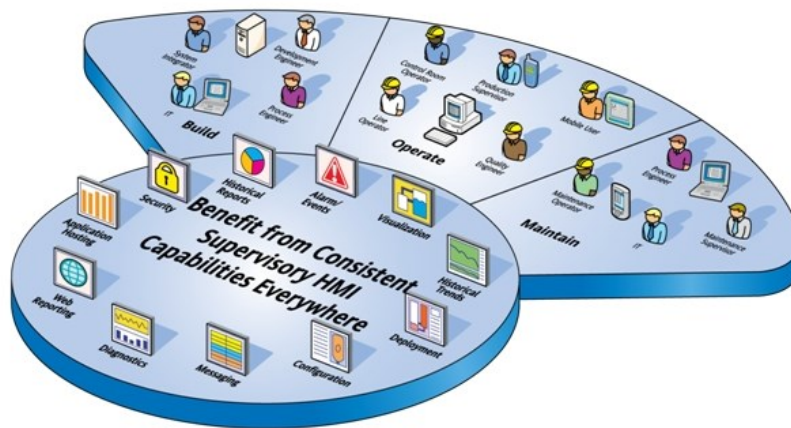


AutoSave for System Platform: Advanced Change Management Support

Realize Benefits During All Phases of Plant Operation

In order to properly safeguard their automation environment, users must manage changes during each major phase of the automated manufacturing process.

- In the *Design and Build* phases of the project to capture and track changes and manage conflict between users developing the system.
- During the *Operate* phase to manage changes and identify causes of downtime, or problems that may occur.
- During the *Maintenance* phase to adapt to process changes and enhancements, and to access historical data.



Ease of Use

Installation of the AutoSave software is simple, with an automated export of data from the Wonderware Galaxy Repository into the AutoSave system. Once installed, AutoSave for System Platform works in the background and is updated whenever changes occur in the Wonderware Galaxy Repository.

AutoSave for System Platform can be up and managing changes within a facility in three steps.

1. *Install the AutoSave Server:* This is the archive/repository for the revision, user, client and other information. It can be a new installation or expansion of your existing AutoSave installation (v5.06 or above).
2. *Install AutoSave for System Platform:* Installed on the Galaxy Repository, this will update the database and install as a service, monitoring for any incoming activity or changes.
3. *Run the Galaxy Export:* The final step is to export the entire Galaxy into AutoSave to establish a baseline for all objects.



AutoSave for System Platform: Advanced Change Management Support

The World's Largest Manufacturers Safeguard their Plant Automation Systems with MDT AutoSave

MDT AutoSave has enabled global industry leaders to gain control of escalating automation challenges and ease change control burdens by securing software assets, reducing time and problems related to changes, complying with regulatory requirements for audit trails and change authorization, and providing rapid recovery from failures.

Any System Platform installation will benefit from AutoSave for System Platform especially including those in the food & beverage, life sciences, mining, petro-chemical and utilities markets, where change management and version control are most critically important. MDT AutoSave is currently being used in each of these industries, including companies managing thousands of automation devices per site.

MDT Software: A World Leader in Automation Change Management

For over 20 years, MDT Software has been a trusted provider of disaster recovery and change management solutions for leading manufacturers. Today over 4,700 end users in a variety of industries worldwide use MDT AutoSave to effectively manage change and minimize downtime of plant floor automation.

As the inventor of change management software for programmable devices, MDT products empower clients to:

- Maximize plant uptime and profitability
- Comply with regulatory requirements
- Detect unauthorized and potentially malicious changes
- Efficiently manage plant floor computing devices

AutoSave Change Management Software is essential in creating a secure, well documented, controlled automation environment where errors and downtime are reduced and users and assets are protected.

