AutoSave

Universal Module

Enterprise tools for automation source management

OVERVIEW

The AutoSave suite of products provides you with the software tools needed to manage all your automation programs. AutoSave controls and tracks the changes to your industrial programmable devices and program sources Complimenting these device-specific modules, the AutoSave Universal module manages source files and changes for Ethernet accessible devices such as computers, operator interfaces, robots, scales, word processors, transmitters, spreadsheets, soft logic, and graphics applications. AutoSave's Universal client can fold these applications under its security umbrella to offer you both an interactive environment and background monitoring, resulting in a comprehensive change management solution. You have complete control over your programs including:

- Secure Application Launch
- Real-time Archives to Central Library
- Historical Tracking and Audit Trails
- Automatic Change Notification
- Quick Disaster Recovery

CLIENT / SERVER

The Universal module is comprised of the AutoSave client installed on a Windows 2000 or XP SP 1-2 workstation and an AutoSave server acting as the master control center that coordinates all change-related programming activities and stores program files. The Universal module can launch most DOS or Windows applications, saving time and extending programmable device confidence.

APPLICATION EDITING

The AutoSave Universal module interfaces with other software in a launch-only mode via the user-configurable command to initiate the application's executable. This enables a user to quickly edit a shared device or group of files.

CONNECTIVITY

AutoSave (for Windows platform) can access devices by means of Ethernet TCP/IP or Microsoft File Share. The primary difference in the Universal module and other AutoSave modules is the ability to group files and provide upload, download, automated compare, and versioning for generic Ethernet accessible devices.

ARCHIVED CONTENTS

Individual files or a complete directory with wild-card * or ? specification can be used to define a list of files. The AutoSave server stores both binary and ASCII program files in a compressed format on the centralized server. The compressed files are transferred between the client and server to save significant time and disk space. The files are accessible to the client application for dynamic editing.

UPLOAD SHARE DEVICE

Uploading the file set from the Share device to the server first uploads the files via the configured network Share drive to the agent and then compresses all the program's files and saves them to the server, creating a new current copy. This is the preferred method of creating the initial current copy of a Share device program.

DOWNLOAD SHARE DEVICE

A download enables the user to select the current copy or any available ancestor or version with which to update the Share device. Accessing the download function only via a context menu provides additional security, as does AutoSave's prompting for confirmation before initiating the download.

Features

SECURED PROGRAM ACCESS

The GUI-based client interface allows you to access the AutoSave functions with a login and password. At login, the AutoSave server determines the level of access to the different areas and programs that are permitted to you *and* the client PC.

VERSION CONTROL

When you open a program via AutoSave, the file becomes locked and indicates to others the identity of the user who has the file checked out. The system denies access to others while the program is in use. When you complete editing and save the changes, AutoSave prompts for a revision note, creates a new current copy, relegates the previous current to a numbered ancestor, and unlocks the program.

COMPARISON FEATURES

Comparison of ASCII files reports the exact location and area surrounding the difference. Comparison of binary files report an indication of a bit-by-bit difference. You can configure files to be included or excluded from the compare operation (e.g. alarm files or log files). If the Universal program to compare is a directory, or multiple directories, (for example, a directory of Wonderware screens and configuration files) the comparison indicates which file or files differ.

COMPARISON ON DEMAND

Detecting differences manually may be accomplished on a demand basis between any two revisions (current, local, ancestor, version) of a file or to the accessible share device.

AUTOMATED COMPARISON

Unattended comparisons of configured groups of files may be scheduled between the current copy and the shared device or a selected named version. This module supports the **AutoUpdate** feature that enables AutoSave to replace the existing current copy if it is different than the Share device copy.

NOTIFICATIONS

Notification e-mail is automatically sent to selected personnel when scheduled comparisons are completed and provide links to complete HTML detail reports.

Capabilities

System Highlights	
Client: Real-time Ancestry	☑
Server: Auto Unattended Operation	☑
Secured Program Access	☑
Version Control w/file compression	☑
Windows Share Upload	☑
Windows Share Download	☑
Client Highlights	
Compare	☑
Editor Launch	☑
Editor Menu Access	☑
Server Highlights	
Time-Base Scheduling	☑
AutoCompare	☑
AutoNotify	☑
AutoUpdate	☑
Server Platform Support	
Windows (includes Share Support)	☑
UNIX	☑

UNIVERSAL PROFILE

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