

AutoSave

Support for AutoSave FTP

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 including AutoSave FTP programs.

AutoSave's Microsoft Windows-based client application offers you both an interactive environment and background monitoring, resulting in a comprehensive change management solution. You have complete control over your device programs including:

- Secured File Access by Computer or Individual
- Upload and Download to FTP Address
- Configurable Launch of Editor
- Scheduled Comparison with AutoUpdate Option
- Historical Tracking and Audit Trails
- Automatic Change Notification
- Quick Disaster Recovery

CLIENT / SERVER / AGENT

The AutoSave FTP module is comprised of the AutoSave client installed on a Windows workstation, an AutoSave server acting as the master control center that coordinates all change-related programming activities and stores program files and an agent providing distributed processing efficiencies for the server.

ARCHIVED CONTENTS

The AutoSave FTP file set comprised of the user-designated file list is saved as a unit. The complete unit is restored to the client whenever needed for subsequent use.

SECURED PROGRAM ACCESS

The GUI-based client interface allows a user 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 the user

and the client PC. AutoSave provides audit trails and historical tracking of activities and updates.

VERSION CONTROL

When the user opens a program via AutoSave, the file becomes locked and indicates the user who has the file checked out. Other users see this lock condition when attempting to access the program. The system denies access to locked programs. When the user completes editing and saves 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. Simply downloading an ancestor or master copy to the device and restoring that copy to the current copy can undo unwanted programming changes.

UPLOAD

AutoSave provides both a client and an agent based upload from the FTP server's designated port and upload directory. The configured device's User ID and Password ensures access to the secured device.

DOWNLOAD

AutoSave provides both a client and an agent based download to the FTP server's designated port and download directory. The configured device's User ID and Password ensures access to the secured device.

A download to the processor enables the user to select the current copy or any available ancestor or version with which to update the processor's files and results in the creation of a new current copy. Accessing the download function only via a context menu provides additional security, as does AutoSave's prompting for confirmation before initiating the download.

AUTOSAVE FTP PROFILE

Features

COMPARISON FEATURES

The AutoSave FTP module performs a detailed comparison on the text files in the program and a binary same/different comparison on the program's binary files. The program's file list can be updated to exclude any files from the comparisons whose differences would be insignificant or unimportant to the program. The results are displayed in HTML format.

COMPARISON ON DEMAND

Any two copies of a program, such as current, local, ancestor, version, or processor, can be compared to each other. This comparison is done on an as-needed basis and may be performed from any client with access to the device program.

AUTOMATED COMPARISON

The AutoSave FTP module allows for scheduled, unattended comparisons of configured groups of programs. Using the agent to perform the actual upload, AutoSave software can compare the processor copy to the current copy or compare the current copy to a selected version (permanent or master copy).

The AutoSave module for FTP does support the **AutoUpdate** feature when differences between the processor and current copy are detected.

NOTIFICATION

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

COMMUNICATIONS

The module uses FTP protocol to communicate to the device (the FTP site). It requires an FTP address to connect to the device and, optionally the port number, upload and download directory location on the target computer.

Capabilities

System Highlights	
Client: Real-time Ancestry	<input checked="" type="checkbox"/>
Server: Auto Unattended Operation	<input checked="" type="checkbox"/>
Agent: Parallel/Distributed Processing	<input checked="" type="checkbox"/>
Secured Program Access	<input checked="" type="checkbox"/>
Version Control w/file compression	<input checked="" type="checkbox"/>
Device Upload	<input checked="" type="checkbox"/>
Device Download	<input checked="" type="checkbox"/>
Client Highlights	
Compare	<input checked="" type="checkbox"/>
Editor Controlled Actions/ User Rights	<input checked="" type="checkbox"/>
Editor Launch	<input checked="" type="checkbox"/>
Server / Agent Highlights	
Time-Base Scheduling	<input checked="" type="checkbox"/>
AutoCompare	<input checked="" type="checkbox"/>
AutoNotify	<input checked="" type="checkbox"/>
AutoUpdate	<input checked="" type="checkbox"/>
Agent Device Download	<input checked="" type="checkbox"/>
Server Platform Support	
Windows	<input checked="" type="checkbox"/>

AUTOSAVE FTP EDITOR REQUIREMENTS

The module provides a configurable launch command so users may designate their own editor requirements.