



Agents



GoAnywhereMFT Agents are light weight applications that provide real-time workflow and file transfer capabilities that are controlled from a central GoAnywhere server. Agents can be deployed to virtually any operating system including Windows, Linux, IBMi and other platforms. Agents can run on systems inside an organization's network to move files throughout the data center, or can be deployed to branch offices, cloud environments like Amazon AWS, Azure, and other remote locations. Licensing options include Standard and Advanced.

The MFT agents are managed by a central deployment of GoAnywhere, where customers can easily configure and schedule agent file transfers right from their browser. This new version of GoAnywhere not only transfers all files securely, but also gathers key information about the transfers for simple, consolidated auditing and reporting. This unique approach provides visibility of all file transfers within the organization.



MFT Agent Features At-A-Glance

- Automates and secures file transfers within a centrally managed environment
- Monitors all systems for new or modified files
- Schedules file transfers on agent systems to run at future dates/times
- Provides additional workflow capabilities such as compression, decompression, data parsing, database integration, and native command execution
- Sends automatic alerts via email or text messages if file transfers fail on agents
- Feeds audit data to the central GoAnywhere MFT solution for central reporting

Complete Management and Security with GoAnywhere Agents

GoAnywhere is an MFT solution that centralizes control of all connected agents. Administrative users in GoAnywhere will configure the work that should be performed on local and remote agents and can also view events that occurred, such as file transfers or completed workflows.

MFT Agent Encryption & Authentication

The communication between each agent and GoAnywhere is encrypted using SSL/TLS. The authentication is a multi-step secure process establishing trust between agents and GoAnywhere.

Administration, Setup, & Configuration Across Locations

Agents don't have their own individual user interface since administration is performed through GoAnywhere's browser-based console. Agents can be grouped together to simplify setup and configuration. This allows users to define tasks that should run on all agents in a group.

For example, an organization that has hundreds of retail stores can easily roll out new files to each store in the group, or a group of Linux servers can be defined to execute the same shell scripts on all systems at once.

Upgrading MFT Agents

GoAnywhere automatically distributes software upgrades to agents as needed. This is a seamless process in which GoAnywhere will upgrade agents while they are idle (to minimize disruption).

Remote Agent Deployment

After installing GoAnywhere MFT on your internal network, you can install Agents on specific servers or workstations within your network, at remote locations, and within cloud infrastructure that will automatically monitor folders, carry out file transfers, and synchronize concurrent workflows at various locations. The following illustration shows how MFT agents can be installed on systems in your organization's network and at remote locations:

1. Agents in the Internal Network

Agents can be installed on servers or workstations in your network for transferring files from and to GoAnywhere and other systems for processing. The agents can perform additional workflows on the system where the agent is deployed such as copying files, running commands, or parsing data.

2. Agents at Remote Locations & "Retail Polling"

Agents can be installed at remote locations to automatically monitor folders and transfer files on an automated basis. This "retail polling" feature is ideal for synchronizing files between a corporate data center and remote locations such as stores or branch offices.

3. Agents on Trading Partner Systems

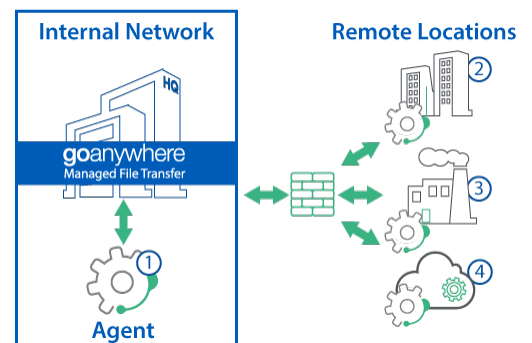
Agents can be installed on servers owned by your trading partners. When a trading partner places a file in a folder which is monitored by the agent, GoAnywhere can automatically pull the file to your organization's network. In turn, GoAnywhere can use those agent connections to push files to your trading partners.

4. Agents on Cloud Infrastructure

MFT agents can be installed on server instances within cloud infrastructure like Amazon AWS and Microsoft Azure. These agents could be used to move files securely between the cloud and your internal network.

QUICK FACTS

- Multi-platform
- Browser Interface
- Single Point of Control
- Encryption Standards
- Detailed Audit Trails
- Compliance Reports
- Create Workflows using Drag-n-Drop
- Over 60 Unique Tasks



Standard vs. Advanced Agents

Agent Tasks

- Advanced Workflows is required to use the Agents Service.
- Monitors are available on Standard and Advanced Agent licenses with no limit.

Feature	Standard Agent	Advanced Agent
Folder monitors	✓	✓
Local file system tasks	✓	✓
Run local commands	✓	✓
Compression	✓	✓
PGP Encryption	✓	✓
ETL	✓	✓
Database tasks	✓	✓
GoFastclient	✓	✓
FTP client		✓
FTPS client		✓
SCP client		✓
SFTP client		✓
Send email	✓	✓
Retrieve email	✓	✓
Execute SSH commands		✓

Standard vs. Advanced Agents continued

Category	Task	Standard	Advanced
Compression	Zip	✓	✓
	Unzip	✓	✓
	Tar	✓	✓
	Untar	✓	✓
	GZip	✓	✓
	GUnzip	✓	✓
Database	SQL	✓	✓
Data Translation	Read CSV	✓	✓
	Write CSV	✓	✓
	Read Excel	✓	✓
	Write Excel	✓	✓
	Password Protect Excel	✓	✓
	Read Fixed-width	✓	✓
	Write Fixed-width	✓	✓
	Read Flat File	✓	✓

Standard vs. Advanced Agents continued

Category	Task	Standard	Advanced
	Read XML	✓	✓
	Write XML	✓	✓
	Read JSON	✓	✓
	Write JSON	✓	✓
	Count RowSet	✓	✓
	Modify RowSet	✓	✓
	Validate RowSet	✓	✓
Email	Retrieve Email	✓	✓
	Send Email	✓	✓
File System	Checksum	✓	✓
	Copy	✓	✓
	Create File List	✓	✓
	Delete	✓	✓
	MakeDirectory	✓	✓
	Merge Files	✓	✓
	Move	✓	✓
	Rename	✓	✓
	Search and Replace	✓	✓
File Transfer	FTP		✓
	FTPS		✓
	SCP		✓
	SFTP		✓
	GoFast	✓	✓
Integration	ExecuteNative Command	✓	✓
	Execute SSHCommand		✓
JobControl	CallModule	✓	✓
	Delay	✓	✓
	If	✓	✓
	Else	✓	✓
	ExitModule	✓	✓
	Exit Project	✓	✓
	Raise Error	✓	✓

Standard vs. Advanced Agents continued

Category	Task	Standard	Advanced
Loops	Do-While Loop	✓	✓
	Exit Loop	✓	✓
	For Loop	✓	✓
	For-Each Loop	✓	✓
	Iterate Loop	✓	✓
	While Loop	✓	✓
MiscellaneousTasks	Base64Decode	✓	✓
	Base64 Encode	✓	✓
	Close RowSet	✓	✓
	Print	✓	✓
	SetVariable	✓	✓
	Timestamp	✓	✓
PGP	PGPDecrypt	✓	✓
	PGPEncrypt	✓	✓
	PGPSign	✓	✓
	PGPVerify	✓	✓
Project	Comment	✓	✓
	Module	✓	✓
	Variable	✓	✓
Web Services	Create JWT		✓
	RESTDelete		✓
	RESTGet		✓
	RESTMultipart Post		✓
	RESTOptions		✓
	RESTPatch		✓
	RESTPost		✓
	RESTPut		✓
SOAP		✓	