

FTP/WatchDog-D™



Most companies have insufficient knowledge about the FTP activity taking place on their network, what data is moving in and out of the enterprise and who (or what) is initiating the FTP activity. Knowing where FTP servers are and what they're being used for enables you to address concerns and exposures to privacy data before they harm your organization.

With the advent of multi-host and distributed system IT, FTP has become a staple of daily enterprise activity. FTP is very much a part of production processing in IT centers these days. FTP impacts job scheduling, storage management and security, making it a "critical path" in modern IT centers.

IT operates under more scrutiny than ever before. Federal regulations such as Sarbanes-Oxley, HIPPA, FISMA, GLBA have raised the bar on IT security.

FTP/WatchDog-D's real-time monitoring of enterprise-wide FTP activity enables you to better manage FTP usage and integrate FTP processes more fully into data center automation efforts. FTP Alerting and automation can help make FTP usage compliant.

The FTP/WatchDog-D Solution

FTP/WatchDog-D helps reduce the complexity of managing FTP by merging and reporting on **all of the FTP servers** in an enterprise (UNIX, Windows, Linux, etc.). It provides **real-time monitoring** of FTP usage and Windows-based **interactive analysis** and **consolidated reporting** of FTP activity, failures, exceptions, etc. throughout the entire enterprise.

Locate and shut down
unauthorized FTP servers

Identify and block hacking attempts

Gain real-time visibility into FTP
server usage

Audit FTP server usage to ensure
compliance with company policies

With FTP/WatchDog-D, compliance comes through managing exceptions. FTP/WatchDog-D provides real-time monitoring and automation of FTP activity throughout the enterprise.

FTP Monitoring

FTP/WatchDog-D consists of a Real-Time Monitor which can run on any Java-ready platform and Agents which are deployed on the servers running FTP to provide real-time FTP usage data to the Real-Time Monitor. The real-time monitor provides centralized management of the process of gathering FTP usage updates from the distributed platforms.

Real-time FTP usage data from distributed platforms is archived into the FTP/WatchDog-D History Database and provides an automated method for issuing alerts pertaining to various FTP transmission criteria. The alert information can be used to further automate processes dependant on FTP usage, such as triggering production tasks, etc.

FTP Alerts

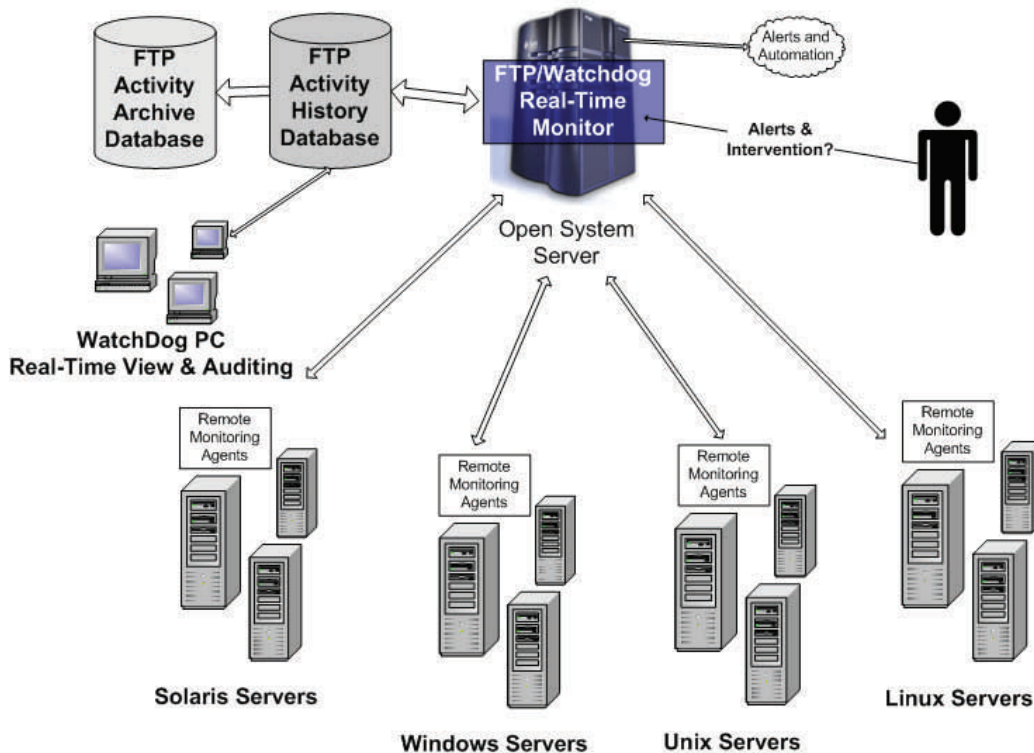
Alerts take the form of emails issued by the real-time monitor in response to FTP transactions that meet criteria important to you. The email message contains critical information about the FTP transaction, thereby enabling IT professionals and IT automation tools to apply sophisticated logic to determine whether further action is required.

Sensitive Data Alerts

Alerts can be generated for FTP transactions involving sensitive data. Sensitive data can be identified by file name, using pattern matching.

Failed Transaction Alerts

Alerts can be generated for failed FTP transactions, containing the information needed to make informed decisions, including a failure reason.



Custom Alerts

FTP/WatchDog-D users can define any number of Alert Events which watch for specific FTP transactions (using selection criteria supplied) and generate alerts for the selected FTP transactions. The alert takes the form of an email message, the contents of which is specified by the user and is part of the Alert Event definition. FTP alerts can be used to:

- Signal security alerts (hacking?) on logon failures
- Indicate successful completion of a file transfer (start the next step in a business process)
- Trigger intervention when a FTP transmission fails
- Warn on transmission of sensitive data to unauthorized locations or by unauthorized users
- Warn of a transmission of a large file (disk space usage alert)

Audit the Network for FTP Servers

It is not uncommon for FTP servers to be set up without IT's involvement or knowledge, usually with no thought to security requirements. YouTube videos with step-by-step instructions make setting up an FTP server a simple matter.

FTP/WatchDog-D's FTP Auditor tool scans the network and reports back on the location of both authorized and unauthorized FTP servers. It also points out where FTP servers are running with anonymous logon enabled. FTP Auditor gives you the information needed to **shut down unauthorized servers** and **eliminate** support for **anonymous logon**.

Stop FTP Hacking Attempts

Attacks on FTP servers via the Internet are a frequent occurrence these days. They range from attempts to gain unauthorized access to Denial-of-service attacks. Free hacking tools and step-by-step instructions on YouTube make it simple to set up and run FTP server hacks.

FTP/WatchDog-D identifies these attacks and provides the information you need to block them.

Enhance Security

Centralized monitoring of enterprise-wide FTP activity enables you to ensure that your organization is not being exposed to a breach of sensitive data due to unauthorized use of FTP.

Enhance FTP Visibility

Reduce help desk calls about FTP by making usage information available to those who need to know.