

# DATA SHEET

## DIPLOMAT® MANAGED FILE TRANSFER ENTERPRISE EDITION

### OVERVIEW



When you need to control complex file transfer environments, Diplomat MFT Enterprise Edition reduces the time to design, deploy and monitor highly-secure file transfer jobs – making you more productive.

You can integrate Diplomat MFT Enterprise Edition into existing workflows with the addition of a single command or have Enterprise Edition start other processes before or after a file transfer job. Plus, all job and user activity is captured in an audit trail database to easily demonstrate compliance with security mandates, like HIPAA, SOX and PCI.

### JOB MANAGEMENT

Diplomat MFT Enterprise Edition lets you set up file transfers to or from your local network, secure FTP, HTTP/S, email or SMB servers. Plus, you can schedule transfers to your own private cloud or popular cloud storage sites, like Amazon, Azure, Box, Dropbox, Google, ShareFile and Oracle Cloud. Diplomat's intuitive point-and-click interface means no more time-consuming programming with events, triggers and "do" loops.

You can use Diplomat's built-in scheduler or folder monitoring to initiate file transfer jobs. Or, other applications can initiate file transfer jobs with Diplomat MFT Scripting Agent or the optional Diplomat MFT REST API. Whether you use Diplomat's scheduler, Diplomat MFT Scripting Agent, or the Diplomat MFT REST API, you get all of the benefits of a Diplomat file transfer job, such as job monitoring, log files, email notifications, and a comprehensive audit database.

Diplomat MFT Enterprise Edition can also control the execution of other jobs and applications. You can initiate custom scripts, batch files or other applications at the beginning or end of a file transfer job. Plus, zip outgoing files and unzip incoming files.

Extensive file selection options make it easy to pick up only the right source files. You can select files based on dates, sequence numbers or other wildcards and, then, continue the job only when all required source files are available.

Destinations file names can be changed to meet your naming conventions by inserting dates, sequence numbers and other parameters. And, you can write destination files under temporary names and rename when the file transfer is complete.

### PRODUCTIVITY

The right tools save time during job set-up, prevent job failures at run-time and reduce time for maintenance tasks.

With Diplomat MFT Enterprise Edition, changes in a partner profile are automatically reflected in all file transfer jobs with that partner. If a partner changes its FTP server name or sends you a new public PGP key, you only need to enter it once.

When problems arise, you can temporarily suspend scheduling of a file transfer job or group of jobs. When an FTP server is down or other technical problems occur, you can suspend the affected file transfer jobs. When the problem is resolved, jobs can be restarted with a single click.

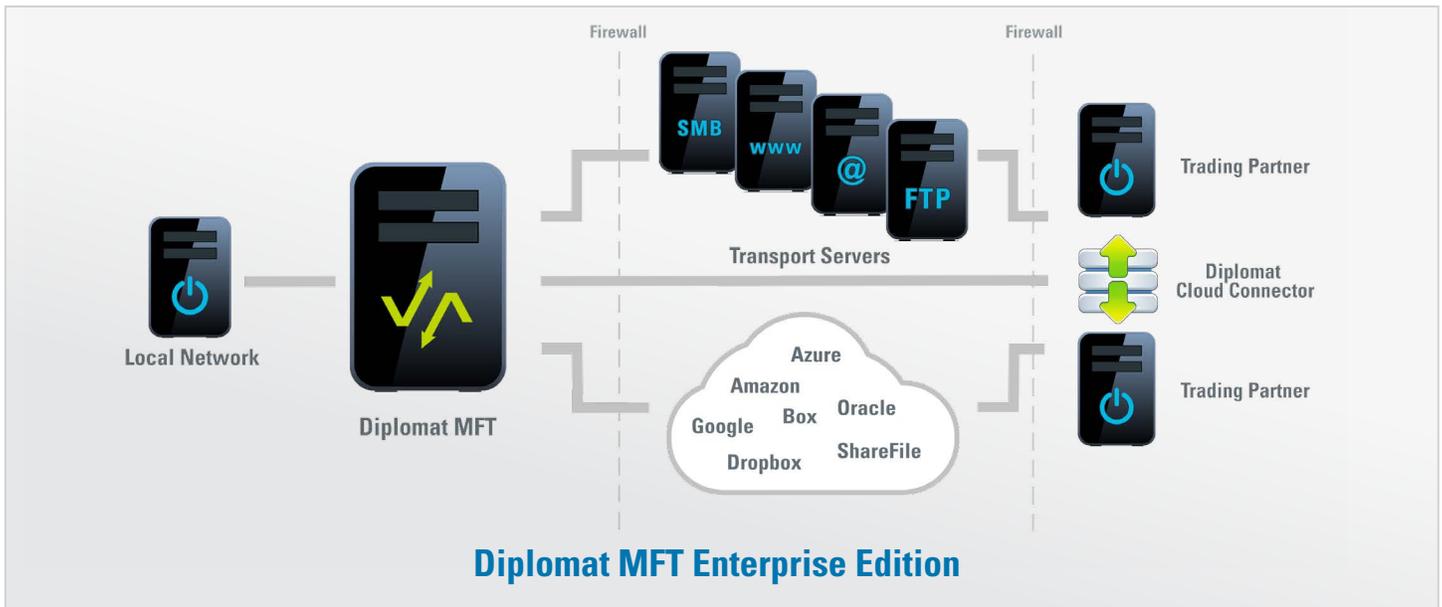
You can set up and monitor file transfer jobs without installing a desktop application using Diplomat Web Launch, which simplifies software upgrades.

You can save time by having business users monitor their file transfer jobs by using accounts with read-only privileges. And, quick search features identify unused keys, partners and transactions for faster system clean-up.

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## VISIBILITY

When you are responsible for hundreds or more file transfer jobs every day, you need job monitoring constantly updated in real time. Diplomat's Job Monitor component shows you which jobs are running successfully and which ones are having problems. You can see when each job is scheduled, the last time it ran and whether it was successful. When a job is running, you can monitor each file as it is being transferred.

Diplomat stores detailed histories of each file transfer job. You can view details for earlier runs of a job, including details for each file that was transferred. If a file transfer job has a problem, you can view log entries to immediately diagnose the problem and rerun the job without leaving the job monitor console.

## COMPLIANCE

Most organizations are required to keep data confidential under regulations such as HIPAA, SOX and PCI DSS. Diplomat MFT Enterprise Edition captures detailed audit trail data to confirm you have met encryption, access control, authentication, monitoring and other security requirements.

Whether you need audit data for compliance or for business analysis, Diplomat MFT supports an extensive SQL audit database with comprehensive job, file and user activity data.

Diplomat Cloud Connector, a proprietary highly-secure transport method based on PGP encryption, enables one-step data transfers between secure locations. Data no longer needs to reside outside the firewall on transport servers, such as FTP, web or email servers.

## EVENT NOTIFICATION

You may need to notify a sender that a file was sent or notify a recipient that a file is ready to be picked up. Diplomat MFT can send email to you, others at your company, or outside recipients at the completion of each file transfer job.

When a file transfer problem occurs, you need to know as soon as possible. You may have processing deadlines or service level agreements to meet. Diplomat MFT can send email or paging notifications as soon as a problem occurs.

## PROBLEM RESOLUTION

When attempting to transfer files, unexpected problems can crop up. You might have outdated FTP account login information. Files might not be ready for pickup. The wrong key might have been used to encrypt a file, so you cannot decrypt it. Diplomat MFT can send email or paging notifications that include the detailed information required to address a problem immediately – without searching through system log files.

In addition, Diplomat MFT logs all file transfer set-up and run-time events to a log file. Diplomat MFT's built-in log viewer makes it easy to locate the log entries you need to diagnose a problem. And, you can turn on advanced troubleshooting to capture more data, such as temporary files, to pinpoint the source of a problem.

## REDUCED BUSINESS RISK

### FEWER ERRORS

File transfer errors are usually prevented when using Diplomat Managed File Transfer. When a transient error occurs, like a dropped FTP session or a brief network outage, Diplomat MFT automatically attempts to recover and complete the transfer.

When you choose checkpoint restart, Diplomat attempts to continue processing the file from the point the failure occurred. Most transient file transfer problems are corrected so that the file transfer job succeeds without manual intervention. When a transfer is complete, file integrity is confirmed using a file size or checksum comparison.

### INTEROPERABILITY

Your secure file transfer solution needs to operate seamlessly with your partners' current tools and applications. Diplomat MFT works with existing technologies by adhering to industry standards, such as OpenPGP, secure FTP, SMTP, POP3 and HTTP/S.

Your business partners can continue to use the encryption and file transfer products they have in place. And, if you have existing applications or tools that use PGP keys, you can import all of your keys from your existing PGP key rings.

### RECOVERY

Diplomat MFT is designed for both expected and unexpected disruptions in your production environment. When you need to upgrade your production environment, you can create a single-file backup of Diplomat's internal database and restore on any other system running Diplomat MFT Enterprise Edition. If your production system goes down unexpectedly, you can have a hot standby ready to run without a disruption in service.

You can archive copies of data files to a central location and, if desired, an additional location. You always have a copy on hand for your own records or to resend to a partner. Archiving to two locations lets you keep one copy accessible to the IT group and another copy for a business group, such as payroll.

### SECURITY

Your data must be protected at all times – in transit and at rest. Diplomat supports PGP encryption and secure file transports for data protection.

PGP encryption lets you protect files at rest both inside and outside the firewall. Secure FTP or HTTPS ensures that login information and data files are protected in-transit with SSH or TLS encryption. Transfers to Diplomat Cloud Connector sites use PGP for both authentication and data encryption, plus offers checkpoint restart.

Sensitive set-up data (pass-phrases, passwords, and account logins) are encrypted in a central Diplomat database. Batch files and registry entries do not contain unencrypted, sensitive data.

Diplomat uses secure HTTPS (TLS) connections for all communication between Diplomat components. No unprotected information is sent over your internal network.

Two-factor authentication protects Diplomat MFT from unauthorized use. Users are authenticated using their network identity, by entering a Diplomat username and password, or both.

An administrative dashboard lets you set user privileges, password policies, session expiration and manage user connections.



5-Star Rating  
SC Magazine Encryption-in-Motion Test

To learn more call 781.210.3310.

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Try Diplomat MFT Enterprise Edition free for 15 days to see how it works in your environment.

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Schedule a live demo on how to control and monitor your file transfer jobs.

[Try Diplomat Online »](#)

Try Diplomat Sandbox to set up file transfer jobs without downloading and installing trial software.

# TECHNICAL SPECIFICATIONS

## COMPONENT & PLATFORM SUPPORT

### Diplomat MFT Service

- Windows 7, 8 and 10 (64-bit)
- Windows Server 2008 R2, 2012 R2 and 2016 (64-bit)
- Red Hat Linux (64-bit; x86)

### Diplomat MFT Client

- Windows 7, 8 and 10 (64-bit)
- Windows Server 2008 R2, 2012 R2 and 2016 (64-bit)

### Diplomat MFT Job Monitor

- Windows 7, 8 and 10 (64-bit)
- Windows Server 2008 R2, 2012 R2 and 2016 (64-bit)

### Diplomat Cloud Connector

- Windows 7, 8 and 10 (64-bit)
- Windows Server 2008 R2, 2012 R2 and 2016 (64-bit)

### Diplomat MFT Scripting Agent

- Any system supporting Java Runtime Environment (JRE) 1.8 or higher

### Diplomat MFT Web Launch

- Any system supporting Java Runtime Environment (JRE) 1.8 or higher

## FILE TRANSFER SUPPORT

### FTP

- FTP (RFC 959)
- FTPS (RFC 2228 with Secure)
- FTP Using TLS
- SFTP (RFC 4253)

### HTTP/S

- HTTP/S (RFC 2616)

### Email

- SMTP (RFC 2821)
- POP3 (RFC 1939)
- IMAP (RFC 3501)

### SMB

- SMB 1.0, 2.0 and 3.0

### Cloud Storage Connectors

- Amazon S3
- Box
- Citrix ShareFile
- Dropbox
- Google Cloud
- Microsoft Azure
- Oracle Cloud

## OPENPGP ENCRYPTION

### Symmetric Algorithms

- AES (up to 256-bit keys)
- Blowfish (up to 448-bit keys)
- CAST5
- DES (56-bit keys)<sup>1</sup>
- IDEA (128-bit keys)<sup>1</sup>
- Safer (128-bit keys)<sup>1</sup>
- Triple DES (up to 168-bit keys)
- Twofish (up to 256-bit keys)<sup>1</sup>

### Asymmetric Algorithms

- DSA (1024-bit key only)
- El Gamal (up to 4096-bit keys)
- RSA (up to 4096-bit keys)

### Hash Algorithms

- MD2<sup>1</sup>, MD5
- RIPEMD-160
- SHA-512, SHA-384, SHA-256, SHA-24, SHA-1

### Interoperability (RFC2440/4880)

- McAfee E-business Server v8.0 or later
- PGP Command Line v9.0 or later
- Any other RFC 2440 or RFC 4880 OpenPGP-compliant product

<sup>1</sup> Only supports decrypting existing messages encrypted with algorithm or encrypting to existing keys specifying algorithm as preferred cipher.

## AUDIT TRAIL DATABASE

- MySQL Server 4.1 or later
- Microsoft SQL Server 2012, 2014 and 2016
- Any ANSI SQL-92 compliant database with JDBC support

## ABOUT COVARIANT SOFTWARE

Coviant Software delivers Managed File Transfer solutions to improve the productivity of file transfer administrators. Diplomat Managed File Transfer software uses Intelligent File Transfer™ design with embedded secure file transfer logic, so file transfer experts can quickly design and deploy file transfer jobs with fewer errors and failed transfers.

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