FEATURE COMPARISON OF EFT™ EXPRESS, EFT ENTERPRISE, AND EFT™ ARCUS

Feature	Express	Enterprise	Arcus
Protocols			
SSL/TLS - secure FTP communications	Included	Included	Included
SSL key manager - manage, import, export, and create SSL certificates	Included	Included	Included
SSL Config - specify ciphers and versions allowed (SSL v2, v3, and TLS v1)	Included	Included	Included
Checkpoint restart - resume interrupted transfers	Included	Included	Included
Compression - inline compression of ASCII files	Included	Included	Included
Reduce transfer time over poor connections by allowing uploaded files to be split apart and transferred in multiple segments simultaneously (COMB)	Included	Included	Included
Verification - guarantee integrity by comparing checksums	Included	Included	Included
Command blocking - prevent unwanted behavior	Included	Included	Included
S-key OTP - One-time-password scheme for plain-text FTP	Included	Included	Included
PASV port range - facilitate FTP connections behind network firewalls	Included	Included	Included
EBCDIC - Used for communicating with legacy systems	Included	Included	Included
UTF-8 - Transfer Unicode filenames over FTP	Included	Included	Included
Session tools - Real-time session monitoring	Included	Included	Included
Customizable - Modify various FTP banners to suit your specific needs	Included	Included	Included
FIPS - FIPS 140-2 certified SSH cryptographic module	ESM	ASM	Included
Key manager - manage, import, export, and create SSH key pairs	SFTP	Included	Included
Key types - OpenSSH and SSH.COM (SECSH format) supported	SFTP	Included	Included
Authentication - Any combination of password and/or public key	SFTP	Included	Included
Strong ciphers - 256-bit Twofish, 256-bit AES CBC, and 256-bit AES CTR mode	SFTP	Included	Included
Configurable SSH-protoversion-softwareversion - lower attack footprint	SFTP	Included	Included
FIPS - FIPS 140-2 certified SSH cryptographic module	SFTP, ESM	ASM	Included

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Customizable landing portal - Login page can be branded	HTTP/S	Included	Included
Form-based auth - sessions are managed securely by the server	HTTP/S	Included	Included
Basic-auth - standard browser authentication (fallback auth mechanism)	HTTP/S	Included	Included
Session management in accordance with OWASP guidelines	HTTP/S	Included	Included
Password reset in accordance with OWASP guidelines	HTTP/S	Included	Included
Lost username retrieval in accordance with OWASP guideline	HTTP/S	Included	Included
SSO - use the Integrated Windows Authentication (IWA) in Internet Explorer	HTTP/S	Included	Included
Accelerate file transfers using EFT Event Rule Actions	N/A	Accelerate module	N/A
HTTP->HTTPS auto-redirect - increased security through implicit redirection of non-secure connections	HTTP/S, ESM	ASM	N/A
HTTP Strict Transport Security (HSTS) - web security policy to protect websites against protocol downgrade attacks and cookie highjacking	HTTP/S	Included	Included
Web client - Optional web client adds a rich set of features compared to script-driven HTTP/S transfers	HTTP/S, WTC	Included	Included
Mobile client - Provides secure, remote access to your EFT files through HTTPS	HTTP/S, MTC	Included	Included
Multi-directional - service inbound and initiate outbound AS2 transactions	N/A	AS2 module	Included
Drummond certified - 3rd-party certified equals superior interoperability.	N/A	AS2 module	Included
Message Level Security (MLS) - certificate-based authentication	N/A	AS2 module	Included
Reliability Profile - AS2 extension that increases interoperability	N/A	AS2 module	Included
Multiple Attachments (MA) Profile - AS2 extension that facilitates multiple concurrent transactions	N/A	AS2 module	Included
Authentication (Access Controls)			

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Native - (proprietary) authentication (EFT-managed authentication)	Included	Included	Included
Active Directory (AD) authentication	Included	Included	N/A
ODBC - leverage any ODBC data source for user authentication	Included	Included	N/A
NTLM - authenticate local system accounts (Choose "Windows AD Authentication" when creating the Site.)	Included	Included	N/A
LDAP - authenticate against LDAP sources, including AD	N/A	Included	Included
SAML (WebSSO) - user interface controls for enabling and configuring SAML for achieving Single Sign On (SSO) for Web-based authentication; associate the IdP-authenticated users with pre-provisioned accounts; Just In Time (JIT) provisioning to create an account for authenticated users, if they do not already exist in EFT	N/A	ASM	Included
RADIUS - often used as a two-factor authentication source	N/A	RADIUS, ASM	Supported
SMS authentication - two-factor authentication using a mobile device to receive a login code (requires SMS software)	N/A	SMS software, ASM	Supported
RSA SecurID® - 3rd-party access manager that provides two-factor authentication	N/A	RSA server, ASM	Included
CAC - Common Access Card authentication	N/A	ASM	Included
Authorization (Resource Controls)			
AD Impersonation - leverage Active Directory ACLs	Included	Included	Not Supported
Permissions - set folder level permissions or inherit from parent	Included	Included	Included
Permission groups - assign users to permission groups or templates	Included	Included	Included
Virtual folders - map virtual to physical folders including network shares	Included	Included	Included

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Home folders - designate a home folder and optionally make it the user's root folder	Included	Included	Included
Set limits - number of logins, connections, file sizes, transfer speeds, disk quotas	Included	Included	Included
Invalid passwords - controls to auto-lockout, disable, or ban IP	Included	Included	Included
Invalid account names - controls to auto-ban offender IP	Included	Included	Included
DoS detection - controls to temporarily or permanently ban suspect IPs	Included	Included	Included
IP access rules - full featured IP access rule manager	Included	Included	Included
Banned file types - prevent upload of unwanted file types	Included	Included	Included
Monitor and kick offending users from the server	Included	Included	Included
Password complexity - configure a large number of complexity options	Included	Included	Included
Password reset - user-initiated or on initial login	Included	Included	Included
Password reuse - disallow historical (previously used) passwords	Included	Included	Included
Expire accounts - disable account on a given date	Included	Included	Included
Expire inactive accounts - disable or remove account after N days of inactivity	ESM	ASM	Included
Expire passwords - expire passwords after N days	ESM	ASM	Included
Expiration reminder - email user reminder to change their password	ESM	ASM	Included
Data sanitization - securely clean deleted data using military grade wiping	ESM	ASM	Included
Encrypted folders - EFT built-in, Secure-Data-at-Rest Solution	N/A	Included	Included
EFS - encrypt data at rest using Windows' Streaming repository encryption (EFS)	ESM	ASM	Not Supported
OpenPGP - use OpenPGP to encrypt, sign, and decrypt data	OpenPGP	OpenPGP	Included
PCI DSS monitor - actively monitor and alert on violations	ESM, ARM	ASM, ARM	Included

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PCI DSS report - generate a compliance with a single mouse click	ESM, ARM	ASM, ARM	Included
PCI DSS compensating controls (CCs) - capture and report admin-provided CCs	ESM, ARM	ASM, ARM	Included
PCI DSS setup wizard - walkthrough configuration with PCI DSS in mind	ESM, ARM	ASM, ARM	Included
DMZ Gateway - securely proxy transfers through the DMZ	DMZ Gateway®	DMZ Gateway®	N/A
Administration			
Silent installation - unattended setup	Included	Included	N/A
Administrator GUI - Windows based Graphical User Interface (GUI)	Included	Included	Included
Remote administration - administer from other systems in the network	Included	Included	Included
Secure remote administration - SSL encrypted administration communications	Included	Included	Included
Multiple administrators - allow concurrent administration	Included	Included	Included
Secure administration - same password complexity options available for admins	Included	Included	Included
Flexible authentication - leverage native, NTLM, or AD to authenticate administrators	ESM	ASM	Only LDAP is supported
Forensics - audit and report on all administrator activity and changes	ESM, ARM	ASM, ARM	Included
COM API - programmatic administration	Limited	Included	N/A
Delegated administration - role based administrator accounts with granular permissions	Server and Site admin only	Included	Server admin not applicable
REST endpoint for querying administrative info and server status	Included	Included	Included
Backup and Restore - one-click backup and easy restore of entire configuration	N/A	Included	N/A

Feature	Express	Enterprise	Arcus
Batch account management - perform actions to multiple accounts simultaneously	N/A	Included	N/A
Auditing and Visibility			
Logging - flat file log in W3C and other formats	Included	Included	Included
Monitor inbound transfers in real time	ARM	Included	Included
Audit to SQL - audit transactions to a SQL database	ARM	ARM	Included
View reports - choose from pre-built or build your own	ARM	ARM	Included
Audit to Oracle - audit transactions to an Oracle database	N/A	ARM	Included
Monitor outbound transfers in real time	N/A	Included	Included
Business Activity Monitoring (BAM) - real-time visibility, dashboard, and analytics (Requires ARM)	N/A	BAM	N/A
Automation (Integration with other systems)			
React to stimuli - trigger workflows based on file uploads and other server events	Included	Included	Included
Send email to users or administrators as part of a workflow	Included	Included	Included
Execute a process, including scripts, as part of a workflow	Included	Included	Included
Context variables - use transaction values inside of workflows	Included	Included	Included
Hot folders - trigger workflows when files arrive in a monitored folder	Folder Monitor	Included	Included
Schedule events - trigger workflows on a recurring basis	Timer Module	Included	Included
Web Services - trigger workflows using WS calls; Invoke Web Service from URL	N/A	Included	Included
Conditional logic - build fine-grained business logic into workflows	N/A	Included	Included
Clean up - securely clean target folders from within a workflow	N/A	Included	Included

Feature	Express	Enterprise	Arcus
Offload and download - push or pull files to remote servers as part of a workflow	File Transfer Client module	Included	Included
Send pre- and post- commands to mainframe during copy/move actions	N/A	Included	Included
Perform folder and file operations	N/A	Included	Included
Compress/Decompress files	N/A	Included	Included
User Account Action - for things like compliance (e.g., HIPAA, GDPR) requests in which users might ask that an organization remove all traces of their account.	Included	Included	Included
Advanced workflows - tap into the Advanced Workflow Engine to build sophisticated workflows	N/A	AWE	Included
Integration with antivirus and DLP (Data Loss Prevention) tools to permit or prevent transfers based on policies.	N/A	ASM	Included
Integration with cloud (AWS and Azure) storage; Copy, move, and download from cloud storage	File transfer client module	Included	Included
Ability to monitor and act upon AWS S3 and Azure blob storage activity	Included	Included	Included
Centralized control for automating transactions from distributed systems (Remote Agents), including provisioning, management and Event Rules	N/A	RAM	Included
Reusable connection profiles for use in Event Rules	N/A	Included	Included
Automatic interactions between branch offices, point-of-sale terminals, business partners, field agent laptops, or other remote systems and your EFT server residing in a central location.	N/A	RAM	Included
Logging for AWS S3 and Azure blog storage to EFT.log	N/A	Included	Included
Person-to-person file transfer			
Ad hoc file transfer - secure file transfer available either via Outlook Add-in or web interface	HTTP/S, Workspaces	Workspaces	Included

Feature	Express	Enterprise	Arcus
Two-way file sharing - recipients provided with multiple methods to send files back	HTTP/S, Workspaces	Workspaces	Included
Receipt notification - email notification when files are picked up by the recipient	HTTP/S, Workspaces	Workspaces	Included
Pick-up authentication - recipients can be required to verify their identity before downloading files	HTTP/S, Workspaces	Workspaces	Included
Full file tracking - Users and administrators can view complete history of files sent and received	HTTP/S, Workspaces	Workspaces	Included
Centralized policy controls - administrator can enforce varying levels of required usage policies	HTTP/S, Workspaces	Workspaces	Included
Active directory authentication - authentication internal users using AD	HTTP/S, Workspaces	Workspaces	LDAP
Integration with EFT - monitor all ad hoc file transfer activity from EFT	HTTP/S, Workspaces	Workspaces	Included
Complete customization - easily customize ad hoc web interface	HTTP/S, Workspaces	Workspaces	Included
Share folders/files with others; invite others to share (Workspaces via browser and EFT Outlook Add-In)	HTTP/S, Workspaces	Workspaces	Included
Request files via Workspaces	HTTP/S, Workspaces	Workspaces	Included
Send file in email from Workspaces with Secure Message Body	HTTP/S, Workspaces	Workspaces	Included
Architecture			
IPv6 - Full dual stack (IPv4/6 mixed) support	Included	Included	Included
Virtual - Run on virtual machines, e.g. VMware and Hyper-V	Included	Included	N/A
Unicode - UTF-8 encoding of filenames and other fields where applicable	Included	Included	Included

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Feature	Express	Enterprise	Arcus
IDN - Internationalized domain name support	Included	Included	Included
I/O Completion Ports - Technology that allows for tremendous performance on Windows systems	Included	Included	Included
Active-passive clustering - Failover for high availability	N/A	Included	N/A
Active-active, high availability (HA) clustering with 3 or more EFT Enterprise licenses	N/A	Included	Included
Supported on Windows Server 2012, 2016, 2019	Included	Logo certified	N/A