



## Connect:Direct

*For high-volume, secure, assured delivery of files within and among enterprises*

### Don't let file transfer be the weak link

Every organization depends on the reliable movement of files, from batch integration, to the movement of large images or catalogs, to the synchronization of remote locations or disaster-recovery sites. When organizations depend on unreliable FTP, valuable IT resources are used to answer the "Where is my file" question.

### File transfer you can count on

In this new era of rigorous security and shorter processing windows, Connect:Direct is the point-to-point file transfer software optimized for high-volume, secure, assured delivery of files within and among enterprises. Connect:Direct can deliver your files with:

- Predictability – Assures delivery via automated scheduling, checkpoint restart, and automatic recovery/retry
- Security – Ensures that your customer information stays private, and that your file transfers are auditable for regulatory compliance via a proprietary protocol, authorization, and encryption (FIPS 140-2, and Common Criteria certified)
- Performance – Handles your most demanding loads, from high volumes of small files to multi-gigabyte files

### Automation and Management

- Supports 24x7 unattended operations
- Schedules jobs on a one-time, recurring, or continuous basis
- Assigns and manages file transfer workload
- Event driven alert notification
- Process language builds scripts to provide integration with back-end systems
- API and SDK for programmatic access by other applications

### Assured File Delivery

- Supports checkpoint restart
- Automatic recovery from network interruptions
- Automated alert notifications for success/failure

### SECURE+ Option

SECURE+ option for Connect:Direct application includes the following security features:

- X.509 certificates for authentication
- Certificate Revocation List (CRL) checking
- Data Encryption (SSL, TLS, STS)

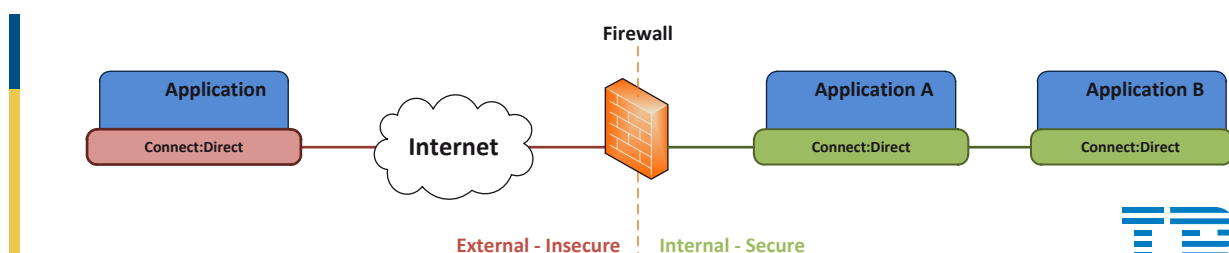
### Support of Multiple Platforms

Operating System: z/OS and z/VSE, OpenVMS, i5/OS (OS/400), UNIX and Linux, Windows, HP NonStop

Network Protocols: TCP/IP, SNA, UDT (UNIX 4.0, z/OS 4.8, Windows 4.5)

### Key Benefits

- Supports 24/7 unattended operations
- Jobs scheduling on a one-time, recurring, or continuous basis
- Event-driven alert notification
- Process language for script building and integration
- Automatic recovery from network interruptions
- Complete audit trail of data





# Sterling File Gateway

## *The next generation B2B-enabled managed file transfer solution*

IBM Sterling File Gateway consolidates disparate centers of file transfer activity, and facilitates the secure exchange of file-based data over the internet.

Companies are expanding internet based file transfer activity with trading partners. FTP and loose controls over file transfer servers invites risk and operational issues. IBM Sterling File Gateway features:

- A single, secure solution for “Edge” based file transfer—Handles large files and high volumes in any format, any protocol, and any number of external connections
- Onboarding Wizard and reusable templates – Expedites trading partner setup to accelerate time-to-revenue
- Enhanced security and risk management—Offers secure protocols, encryption methods, certificate types, digital signatures, and identity management tools to ensure data integrity. DMZ based security is available via IBM Secure Proxy.
- Visibility and self-service for better management—Leads to better decision making, faster response, and more satisfied customers and business partners
- IBM Sterling File Gateway is available as a licensed on premise software

## Features and Benefits

### Capability Onboarding

- An onboarding Wizard and reusable templates enable the rapid onboarding of new partners
- Set up group based controls to minimize administration of trading partner relationships
- Utilize import/export functionality to minimize risk of production updates to trading partner configurations

### Communication channels

- Industry protocols: FTP, FTPS, SSH/SFTP, SSH/SCP, HTTP, HTTPS, IBM® Sterling Connect:Direct®, IBM® Sterling Connect:Direct® Secure Plus, WebDAV, SOAP, ODETTE
- AS1, AS2 and AS3 support

- Extensible for custom protocols
- Utilize Zip and GZIP to compress files
- Create pre-defined, event-driven business processes to minimize setup and administration of process flows
- Use rules based processing to elevate file transfers to a business level activity

### Security

- Multiple encryption standards (PGP, SSL/TLS, S/MIME)
- Single sign-on, LDAP and user authentication
- Encrypt both in-flight and at-rest files
- Event logging provides a complete audit trail of file

### Management and visibility

- myFileGateway provides trading partners secure access to initiate upload and download requests
- Real-time monitoring and a self-service portal allows IT and business users visibility over in-flight file transfers
- Monitor file transfer activity on an “exception” basis using event management notifications
- Auditing and reporting provide metrics to verify regulatory compliance and adherence to service level agreements

### Scalability

- Native horizontal and vertical clustering support the consolidation of file transfer servers and growth in trading partner collaboration
- The technical architecture supports high volumes of file transfers and extremely large files without compromising performance

### File processing and routing

- Use mapping capabilities to manage file naming relationships
- Automate the replay, reprocess and resend associated with failed file transfers
- Intelligently route files based on sender, file name, file type and file contents
- Reusable templates reduce staff time to build and maintain file transfers processes

