



Benefits

- Improve productivity
 - Gain unprecedented scalability
 - Count on reliable file delivery
 - Ensure security and compliance
 - Leverage existing infrastructure
 - Move files with confidence
-

IBM® Sterling Connect:Direct

*Optimize performance and manage growth
without adding IT resources*

The demands are growing daily

Organizations have never seen a greater need for reliable and secure file transfer. File transfer provides the near real-time integration needed for applications as diverse as convergence billing in telecommunications, synchronization of central and disaster-recovery sites, secure transfer of check image files, and consolidation of credit card transactions. Secure file movement must also ensure data delivery to the right destination within the right time window, so the receiving application can process and act upon it consistently – day after day, and year after year. The problem is, many existing file transfer “solutions” built on FTP do not have the necessary mechanisms for management, monitoring, or advanced security.

IBM® Sterling Connect:Direct® from IBM is the leading solution for secure, point-to-point file transfers. It has been optimized for high-volume, assured data delivery of files within and between enterprises, and provides script-based automation, scheduling and alert notifications for 24x7 unattended operations. A key component of the IBM® Sterling Managed File Transfer solution, Sterling Connect:Direct, allows organizations to automate the data exchange between mission-critical applications regardless of platform.

Unlike FTP implementations, Sterling Connect:Direct eliminates the need for manual intervention in data delivery, improving the productivity of your people and the reliability of your business processes.

Gain unprecedented scalability

Event-based architecture enables high volumes and large files – with no product-defined limits on file sizes. Scalability ensures that you can handle peak demand and keep pace as your business volumes grow, whether you operate mainframes or distributed/clustered servers.



Count on reliable file delivery

An acid test for any file transfer system is how it responds when there is a failure. Sterling Connect:Direct, which also supports various clustering technologies and IBM Sysplex on the mainframe, provides built-in automation and checkpoint restart to ensure lights-out operations.

Move files with confidence

The proprietary and secure Sterling Connect:Direct protocol has never been breached. Our solutions help customers satisfy regulatory and industry requirements within their file transfer operations, including compliance with Sarbanes-Oxley, FIPS-140-2, Payment Card Industry (PCI) and healthcare (HIPAA) requirements. Today, IBM is the world's most trusted collaboration partner and the leader in secure file transfer.

Capability	Description		
Automation and management	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Supports checkpoint restart • Automatic recovery from network interruptions • Automated alert notifications for success/failure 		
Security and compliance	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 60%;"> <ul style="list-style-type: none"> • Standard Sterling Connect:Direct <ul style="list-style-type: none"> – Interfaces with operating system security for user authentication – Provides a complete audit trail of data movement through extensive statistics logs • IBM® Sterling Connect:Direct® Secure+ option <ul style="list-style-type: none"> – User authentication – X.509 certificates for authentication – Data encryption (SSL/TLS) – Certificate and Certificate Revocation List (CRL) checking – FIPS 140-2 and Common Criteria certification </td> <td style="vertical-align: top; width: 40%;"> <ul style="list-style-type: none"> • IBM® Sterling Secure Proxy <ul style="list-style-type: none"> – Demilitarized Zone (DMZ)-based authentication, session break and SSL termination – Ensure that no file is stored in the DMZ – No inbound ports opened in the firewall – Validation of the IBM® Sterling Connect:Direct protocol </td> </tr> </table>	<ul style="list-style-type: none"> • Standard Sterling Connect:Direct <ul style="list-style-type: none"> – Interfaces with operating system security for user authentication – Provides a complete audit trail of data movement through extensive statistics logs • IBM® Sterling Connect:Direct® Secure+ option <ul style="list-style-type: none"> – User authentication – X.509 certificates for authentication – Data encryption (SSL/TLS) – Certificate and Certificate Revocation List (CRL) checking – FIPS 140-2 and Common Criteria certification 	<ul style="list-style-type: none"> • IBM® Sterling Secure Proxy <ul style="list-style-type: none"> – Demilitarized Zone (DMZ)-based authentication, session break and SSL termination – Ensure that no file is stored in the DMZ – No inbound ports opened in the firewall – Validation of the IBM® Sterling Connect:Direct protocol
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Multiple platform support	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;"> <ul style="list-style-type: none"> • Operating systems support <ul style="list-style-type: none"> – z/OS – OpenVMS – i5/OS (OS/400) – UNIX and Linux – Windows – HP NonStop </td> <td style="vertical-align: top; width: 50%;"> <ul style="list-style-type: none"> • Network protocols support <ul style="list-style-type: none"> – TCP/IP – SNA – UDT (UNIX 4.0, z/OS 4.8, Windows 4.5) </td> </tr> </table>	<ul style="list-style-type: none"> • Operating systems support <ul style="list-style-type: none"> – z/OS – OpenVMS – i5/OS (OS/400) – UNIX and Linux – Windows – HP NonStop 	<ul style="list-style-type: none"> • Network protocols support <ul style="list-style-type: none"> – TCP/IP – SNA – UDT (UNIX 4.0, z/OS 4.8, Windows 4.5)
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