

# IBM® Sterling Connect:Direct® Application Interface for Java



*Access the power and functionality of IBM Sterling  
Connect:Direct from your Java applications*

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## Benefits

- Offers comprehensive use of Sterling Connect:Direct capabilities
  - Offers comprehensive support for files of virtually any size and content
  - Offers shorter development cycles and reduced time-to-market
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## A faster, effective, and manageable solution for data exchange

This easy-to-use, cost-efficient Java interface provides you with comprehensive access to IBM® Sterling Connect:Direct® functionality. Sterling Connect:Direct is one of the leading solution for security-rich, point-to-point file transfers. It has been designed for high-volume, and to help assure data delivery of files within and between enterprises, and provides script-based automation, scheduling and alert notifications for 24x7 unattended operations.

With comprehensive access from your new Java applications to the Sterling Connect:Direct Application Interface for Java, you'll inherit features such as:

- Security-rich connections through end-point authentications and state-of-the-art cryptographic routines
- Efficient data delivery via sophisticated compression algorithms
- Service level management
- Audit trails
- Activity tracking
- Ability to kick off activity at the receiving end upon file delivery
- Notifications of receipt, non-receipt, system failure and failure to send
- Automatic error handling and recovery routines, including rerouting in the event of a blocked communication path, transmission restart at point of failure, and lost or corrupted data detection
- Comprehensive support for files of virtually any size and content of virtually any type
- Multiple platforms that include z/OS, UNIX, Windows, i5/OS, HP NonStop, and more



## Access to facts, functionality and features

The Sterling Connect:Direct Application Interface provides Sterling Connect:Direct functions that include automation and scheduling for unattended operations. Such access supplies you with end-to-end management and security capabilities, as well as comprehensive support of multiple computing platforms and protocols. This powerful interface also allows you to limit labor overhead by a substantial reduction of file transfer support issues, and helps lower overall risk by eliminating the need to reinvent advanced Sterling Connect:Direct processes.

Users throughout virtually all areas within and outside enterprises have realized increased ROI by leveraging their existing investments in Sterling Connect:Direct technology. Shorter development cycles and reduced time-to-market add to the cost-efficient performance of the Sterling Connect:Direct Application Interface.

## How it works

The Sterling Connect:Direct Application Interface enables a Java application to connect to a Sterling Connect:Direct server and perform Sterling Connect:Direct functions. Key advantages in speed and cost-efficiency stem from the fact that your Java programmers do not need to learn the Sterling Connect:Direct command language or spend time writing

unfamiliar C or C++ routines. The interface provides comprehensive access to virtually all Sterling Connect:Direct functions, including submit and select processes, control processes, netmap functions, user authorizations, proxies, change translate tables, and control tracing.

## Criteria assessment

If your business operations meet the following simple criteria, use of the Sterling Connect:Direct Application Interface is strongly recommended:

- You currently own copies of Sterling Connect:Direct for z/OS, UNIX, Windows, i5/OS, or HP NonStop
- You are developing new Java applications and have a requirement to move files from your applications

Access to the unique capabilities of Sterling Connect:Direct provide you with a powerful data exchange tool that enables automated data delivery within your enterprise and with external partners.

## System requirements

The Application Interface requires Java 2 Platform, Standard Edition (J2SE) 1.5 or later. The Application Interface can be used to connect to virtually all supported copies of Sterling Connect:Direct for z/OS, UNIX, and Windows.



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