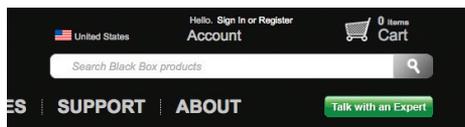


## SDT Connector Quick Start Guide

Securely manage data center and network equipment from anywhere in the world.

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1. Go to [www.blackbox.com](http://www.blackbox.com)
2. Enter LES1101A-R2 in the search box:



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# SDT Connector Quick Start Guide

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## Introduction

SDT Connector is a software tool that provides you with secure, point-and-click local and remote access to your new console server and the network and serial devices connected to it.

This quick start guide walks you through installation and basic configuration of the SDT Connector client. For more details, please refer to the SDT Connector chapter in the User's Manual, which you can download as described on the front of this QSG.

## Step 1. Configure the console server

The first step is to check that you configured the console server with the appropriate services and user/device access privileges.

SDT Connector uses SSH to connect securely, so you should make sure that this service is running on the console server (it is enabled by default):

1. Browse to the console server.
2. Select "Service Access" on "System Firewall."
3. Check that SSH Command Shell is enabled on the network interface and any out-of-band interfaces. Also enable SSH direct to serial ports and click "Apply."
4. Make sure you set up any connected network devices and servers that you want to access with SDT Connector as Network Hosts:
  - For each host, select "Serial & Network: Network Hosts" and click "Add Host."
  - Enter the IP Address/DNS Name of the host, a descriptive Host Name, and optionally a further Description/Notes.
  - Edit the Permitted Services for use with SDT Connector such as Remote Desktop/RDP (TCP Port 3389), VNC (TCP Port 5900), or add custom TCP or UDP port numbers.
5. Click "Apply."
6. Check that you added a user with permission to access these network hosts and console server serial ports:
  - Select "Serial & Network: Users & Groups" and click "Add User."
  - Enter a Username and enter and confirm a Password.
  - Check the Accessible Hosts and Accessible Ports this user will access using SDT Connector.

7. Click "Apply."

## Step 2: Install the SDT Connector Client

NOTE: The system running SDT Connector must have Java™ 1.4.2 or later installed.  
This is a free download from: <http://java.sun.com/>.

The SDT Connector install files are available on the CD-ROM that shipped with your console server or available for download (call Technical Support at 724-746-5500).

1. If you are running Windows, run the SDTConnectorSetup-x.y.z.exe setup program.
2. For Linux®, Solaris™, and Unix®, extract sdtconnector-x.y.x.tar.gz.
3. For Mac® OS X, extract sdtconnector-mac-1.x.tar.gz.
4. Double-click the SDTConnector icon (Windows®) or from the command line run:./SDTConnector (other OSes).
5. Click "File," then "New Gateway."
6. Enter the IP address of the console server in Gateway Address.
7. Enter the credentials of the user added in Step 1 in Gateway Username and Gateway Password.
8. Enter an optional Descriptive Name, then click "Add."

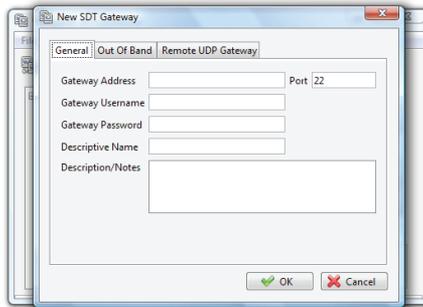


Figure QS-1. Install screen.

## Step 3: Auto-Configure and Connect

1. In the left-hand column, select the newly added gateway.
2. Click “Retrieve Hosts.”
3. SDT Connector connects to the console server and retrieves accessible hosts and serial ports for the user, as configured in Step 1.
4. Once complete, click the “+” left of the gateway’s icon to expand the accessible hosts, accessible serial ports.

NOTE: The console server’s Management Console and serial ports are grouped under the Local Services host.

5. Select the host to connect to and click the service to access.



Figure QS-2. Auto-configure screen.

6. SDT Connector establishes a secure SSH tunnel through the gateway, to the host, and connects the appropriate local client (for example, Remote Desktop Client) to the remote service.
7. Simply point at the host to be accessed and click on the service to use to access that host. An SSH tunnel will then automatically be set up on the console server with the appropriate ports redirected through to the host, and the appropriate local client application is launched pointing at the local endpoint of the redirection.

NOTE: The Retrieve Hosts function described in this step can be used for any user added on the console server— however SDT Connector will not retrieve hosts for the root user. We recommend that you only use this account for initial setup of the console server, and that you should add an initial admin account for administration of the console server.

## Step 4: Advanced Configurations

SDT Connector offers advanced functions including:

- Manually add hosts and specify accessible services for the host (click “File, New Host”).

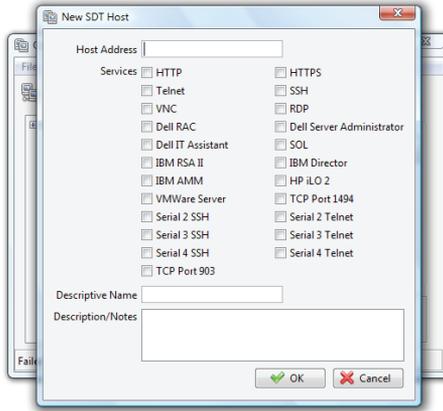


Figure QS-3. Manually add hosts and specify services screen.

- Add custom services and local clients for connecting to them (click “Edit, Preferences”).
- Distributes pre-configured SDT Connector configuration files for backup or for importing into other SDT Connector clients (click “File, Import/Export Preferences”).
- Out-of-band (OoB) dial-in or network access to the console server if the default network connection is not available (Edit gateway, Out Of Band).



Figure QS-4. Add custom services screen.

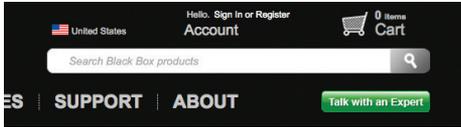
## SDT Connector Quick Start Guide

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- Other advanced features, such as Public Key Authentication and Nagios® integration are covered in detail in the SDT Connector chapter in the user's manual.

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NOTE: You can configure each SDT Connector client to access multiple remote console servers, each of which provides the gateway to hundreds of serially or network connected hosts. Similarly, hundreds of SDT Connector clients can be configured to access a single console server gateway.



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