

# Using Leostream Connect with rdesktop on Apple® Mac OS® X Operating Systems

The Leostream Connect client does not provide out-of-the-box support for Apple Mac® computers. However, you can use the Leostream Connect Java™ client on a Mac computer if you compile the rdesktop application specifically for the Mac OS X operating system.

**Note:** You must set the color depth of your remote desktops to 16.

The process required to run Leostream Connect on a MAC client includes:

- Installing the compiler environment on the Mac client machine
- Compiling and installing the rdesktop application
- Installing the Leostream Connect Java client.

**Note:** The following instructions use rdesktop version 1.6 and Leostream Connect Java client version 1.1.2.

## Installing the Compiler Environment

To compile rdesktop, you must install the Xcode Mac compiler environment. Mac OS X does not include Xcode, by default. However, you can obtain Xcode from one of the following two locations.

- The installation DVD
- From the Apple Developer Connection web site:

<http://developer.apple.com/tools/xcode/>

Install Xcode using the default installation options.

## Compiling and Installing rdesktop for Mac Clients

To compile rdesktop for Mac clients:

1. Go to the following Web page to download the rdesktop client:

<http://www.rdesktop.org/#download>

2. Place the downloaded file in a working directory on the Mac client.
3. Open a terminal window within the Mac OS X operating system.
4. In the terminal window, unpack the rdesktop file using the following command:

```
tar -xzf rdesktop-1.6.0.tar.gz
```

This command creates a subdirectory called `rdesktop-1.6.0`.

5. Navigate to the `rdesktop-1.6.0` directory.
6. Build the rdesktop application with the following command:

```
./configure && make && sudo make install
```

This command installs the rdesktop application.

Check that the user's environment variable for application paths already includes the rdesktop installation directory. For most systems, this is `/usr/local/bin`. If the system is configured differently, modify the path variables,

## Installing Leostream Connect Java™ Client

To install the Leostream Connect Java client on a Mac client:

1. Download the Leostream Connect Java client from the following URL:  
**<http://www.leostream.com/download/lsc/lsc-java-1.1.2.0.zip>**
2. Unpack the ZIP-file into the working directory to use for the Leostream Connect client.
3. Start Leostream Connect by clicking on the `LeostreamConnect.jar` file, or executing the command:  

```
java -jar LeostreamConnect.jar
```
4. Select the **Option** button.
5. Edit the **RDP Client** field to point to the location of the rdesktop client. You must enter the full path, for example, `/usr/bin/local/rdesktop`.
6. Enter the address of your Connection Broker into the **Connection Broker Address** field.
7. Log into Leostream Connect and attempt to connect to a desktop with an RDP connection defined. This starts the rdesktop client.