



# Configuring SHOWCASE® Premier For Remote Image Center Access

Use this guide to configure ShowCase Premier to access a remote Image Center over a Virtual Private Network.

## Before You Start

- Make sure your ShowCase Image Center is installed and running according to instructions, and that you have added a User Account to the Image Center that is configured to access Image Directories.
- Make sure your firewall is properly configured.
- Make sure ShowCase Premier is installed and licensed on your PC

## Configure Communication with the Remote Image Center

1. Launch ShowCase Premier
2. From the **Edit Menu**, select **Image Center Settings...**
3. Click the **Add** button. A new Image Center entry will be created named "New Image Center":

Image Center Communication

Name: New Image Center

Address: [Empty] Port: 8080

User Name: [Empty]

Password: [Empty]

Remote Image Center

Test

4. Enter a name for your Image Center in the **Name** field. It can be any name that is helpful.
5. Enter the Image Center machine's VPN IP address in the **Address** field. You may need to get this from your IT professional.
6. Enter the communication **Port**. This must match the Image Center's Image Access Port (default is 8080).
7. Enter your Windows Account **User Name** and **Password** registered on the Image Center PC.
8. Change the dropdown at the bottom to say "Remote Image Center". This tells ShowCase it will be communicating over a VPN and not a local network.

Image Center Communication

Name: Peoria Studies

Address: 25.111.24.23 Port: 8080

User Name: Sandy

Password: \*\*\*\*

Remote Image Center

Test

9. Click the **Test** button to see if ShowCase Premier can contact the Image Center.

Testing Connection to Demo Image Center

Connection to Network: Yes

Connection to Server: Yes

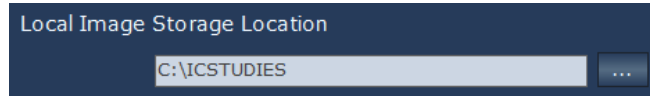
Valid User Name/Password: Yes

Valid Remote License: Yes

If the communication is not working, the messages in this dialog help you determine where the problem occurred so that you can modify your settings and try again.

### Set the Local Storage Location

ShowCase transfers studies from the Image Center to local storage on your computer for efficient viewing. Browse to a folder on your computer where the studies should be stored locally.



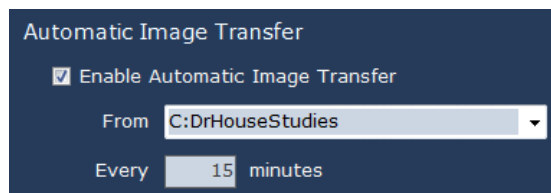
NOTE: If you have multiple Image Centers configured, make sure each stores their images in a separate folder.

### Configuring Automatic Image Transfers from an Image Center

Automatic transfer is a convenient way to move studies to your local machine in the background, even while you are away from your computer.

For example, Dr. House may wish to have all of his studies transferred in the background to a home PC. To configure this:

- Create a directory on the remote Image Center PC for Dr House's studies (in this example a folder called DrHouseStudies)
- Add that directory to the Image Center and give Dr House access to the directory.
- On Dr House's PC, go to Image Center Settings; Check the box to **Enable Automatic Image Transfer**



- In the dropdown **From** field, select DrHouseStudies.
- Set a time interval that tells ShowCase how often to check for new studies in the directory. The default is every 15 minutes.

All new studies (after configuration) that arrive in the Image Directory “DrHouseStudies” will automatically transfer to the ShowCase Premier remote machine.

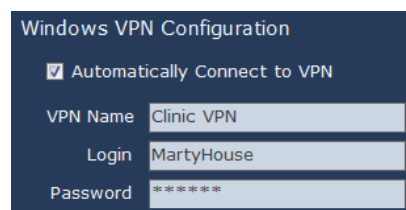
**Note:** The computer should be left on and connected to the VPN for automatic transfer to continue.

### VPN Connection

To make sure your clinical data is private and secure, you will want to access the studies over a Virtual Private Network (VPN). If you do not already have a VPN, you might try Hamachi’s LogMeIn software-only VPN. It is inexpensive and easy to deploy.

### Automatically Connecting to a VPN

If your VPN isn’t always connected, you can configure ShowCase to connect to a Windows managed VPN each time you communicate with an Image Center. Enter the Windows VPN Name and your Login and Password.



## Troubleshooting

### Configuration problems

If you cannot log in to the Image Center make sure that you have the correct IP address and that the Image Center lists your login name as an Image Center User and that you have been given access to the appropriate directories.

### VPN connection problems

Ask your IT professional to instruct you on how to use your VPN. If it is not a Windows managed VPN, ShowCase cannot connect to it automatically and you will need to connect manually.

### Image Center connection problems

If you are unable to connect to your Image Center, Helpful messages will appear if any of these connection tests fail, but here is some insight as to what may cause each test to fail. You may find that you need assistance from your IT group to resolve some of these.

*Connection to Network failed* – Means that ShowCase cannot find the Image Center computer on the network

- Is the IP address correct?
- Can you 'ping' the Image Center computer from a Windows Cmd window?

*Connection to Server failed* – Means that ShowCase software cannot talk to the Image Center software

- Is the firewall on the Image Center open to port 8080?
- Is the Image Center running? Look at the Image Center console- Are there errors displayed?

*Valid User Name/Password failed*

- Has the User been added to the Image Center?
- Did you enter the password correctly?

*Valid Remote License failed*

- Does the Image Center have a valid license? Go to the Image Center computer and check the Image Center Console. Are there any errors?

### Download Problems

If you need more information to troubleshoot a problem, you can look at the **ShowCase Download Log**, available from the ShowCase Help menu. It may have helpful error messages.

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