

Using UNICORN with Windows XP Service Pack 2 (SP2)

This instruction is for users with Windows™ XP Service Pack 2 running UNICORN™ in a network, or using CU950 Advanced.

- Local (no network) UNICORN installations using CU950 via USB are not affected.
- If the Windows Firewall is disabled (as shown in Fig 1), this instruction can be ignored.

3. Select TCP 139 and press **Change scope...** to set the network scope from which the port can listen.
 - If all computers in the UNICORN network are on the same subnet, select **My network only**.
 - If the computers in the UNICORN network are on different subnets, select **Any computer**. Press OK in all dialogs until the Windows Firewall is closed.

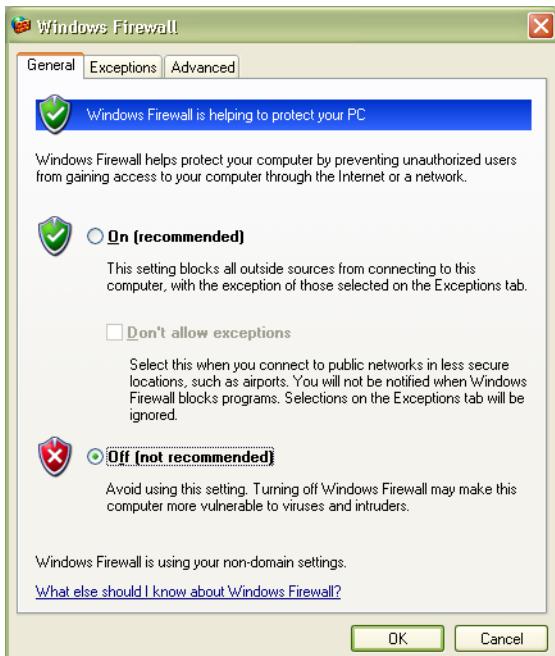


Fig 1. Windows Firewall General settings.

File Transfer and Network Communication

For file transfer and communication to work correctly over the network, TCP port 139 has to be enabled for file sharing (Fig 2).

1. Open the Windows Firewall from the Control Panel.
2. On the Exceptions tab, select **File and Printer Sharing** and press Edit.

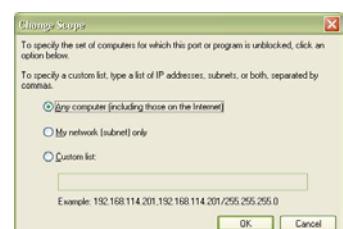
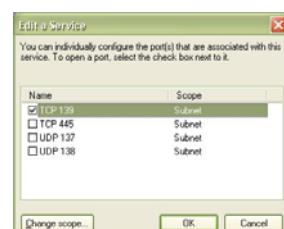
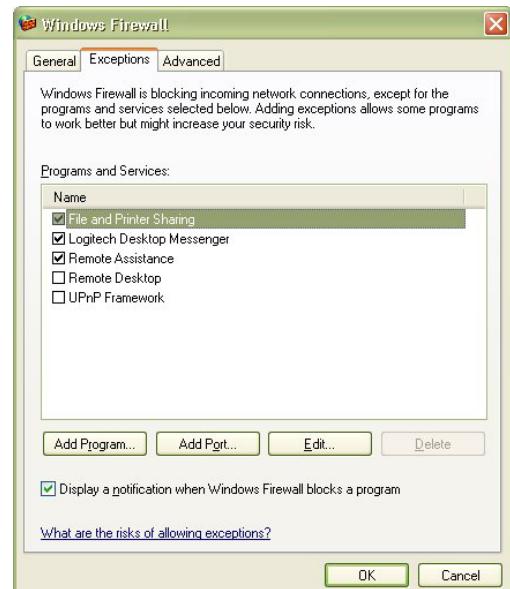


Fig 2. Windows Firewall Exceptions settings.

Program Blocking

When Service Pack 2 is installed, or when a program is installed on a computer running Service Pack 2, the Windows XP operating system may show Windows Security Alert dialogs. The new Windows Firewall distributed with Service Pack 2 blocks certain features of programs until it can be verified that the programs are not harmful.

The Windows Security Alert dialogs are shown in Figure 3 for some of the executables distributed with UNICORN and for UNICORN. To function properly, these executables have to be unblocked.

If an alert is shown after UNICORN, or Service Pack 2 has been installed, and the Publisher is Amersham Biosciences with any of the following program names: CU-950 CAN Driver, Named Pipe Handler or Open Connection Interface - it is safe to unblock the program.

Using OPC remote

Running OPC and a client locally is not affected by Service Pack 2. However, when accessing a server remotely, both the client and server computer have to be configured according to the document *Using OPC via DCOM with XP SP2*, which can be downloaded from the OPC Foundation website, www.opcfoundation.org.



Fig 3. Some Windows Security Alerts.

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