

1.3. Common procedures for all systems

Overview

These procedures are common for installing all robot systems.

How to install RobotStudio on a PC

	Action
1.	Insert the robot software DVD in the PC. If a menu for the DVD is opened automatically, continue with step 5. If no menu for the DVD is opened, continue with step 2.
2.	On the Start menu, click Run .
3.	In the Open box, type the drive letter for your DVD drive followed by: :\launch.exe Example: If your DVD drive has the letter D, then type: D:\launch.exe
4.	Click OK .
5.	Select language for the DVD menu.
6.	On the DVD menu, click Install .
7.	On the installation menu, click RobotStudio . This opens the installation wizard, which will guide you through the rest of the software installation.
8.	Follow the instructions in the installation wizard.
9.	After installing RobotStudio, proceed with activating RobotStudio. NOTE that for a try-out period of 30 days, RobotStudio will work without activation.

Activate RobotStudio

To continue using your product with all of its features, you must activate it. RobotStudio Product Activation is based on Microsoft anti-piracy technology and designed to verify that software products are legitimately licensed.

Activation works by verifying that the Activation Key is not in use on more personal computers than are permitted by the software license.

How do I activate RobotStudio?

When you start RobotStudio for the first time after installation, you are prompted to enter your Activation Key.

Grace period

Before entering a valid Activation Key, you can run the software, with all the features enabled, for a grace period of up to 30 days. However, after entering a valid Activation Key, you will see only the features you have purchased.

Reduced Functionality mode

After the grace period, the software reverts to Reduced Functionality mode unless you have entered a valid Activation Key. In Reduced Functionality mode, RobotStudio only allows the use of the Online and basic Virtual Controller features. No existing files or stations are harmed in Reduced Functionality mode. After activating your software, you will have full functionality for the features you have purchased.

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NOTE!

Activation is not required for the Online features for programming, configuring and monitoring a real controller connected over Ethernet.

Activate automatically over the Internet or manually

The Activation Wizard gives you two choices on how to proceed.

Automatic activation by using the Internet (recommended)

Once you have selected the option *I want to activate RobotStudio over the Internet*, the Activation Wizard automatically contacts the ABB licensing servers over your Internet connection. If you are using a valid Activation Key that has not exceeded the number of installations allowed, your product is activated immediately.

When you activate over the Internet, your activation request is sent to ABB. Your license will then be automatically installed and your product ready for use. If you choose to activate over the Internet but are not currently connected, the wizard alerts you that there is no connection.

Manual activation

If the computer does not have an Internet connection, you must create a license file by selecting the option *I want to request a license file*. Proceed through the wizard, enter your Activation Key and save the License Request File to your computer. Use a removable medium, such as a USB stick or floppy disk, to transfer the file to a computer with an Internet connection. Go to www.robotstudio.com/community to find a hyperlink to the manual activation page, click the link and then follow the instructions. The result will be a License File that should be saved and transferred back to the computer holding your product. Relaunch the Activation Wizard and select the option *I have a license file I want to install*. Proceed through the wizard, selecting the License File when requested. Upon completion, RobotStudio is activated and ready for use.

How do I activate later?

If you do not want to activate your copy of the software at installation, you can do so later. The following steps will launch the Activation Wizard.

If you have a problem with your activation, contact your local ABB customer support representative at the e-mail address or telephone number provided at www.abb.com/robotics.

	Action
1.	Click the RobotStudio button, and then click Licencing .
2.	Click Request a license to launch the activation wizard.
3.	If your RobotStudio installation has been activated, you will have valid licenses for the features covered by your subscription.

Which RobotStudio version is installed?

The version number of RobotStudio is displayed on the start page that appears when RobotStudio is started.

How can I tell if my RobotStudio installation is activated?

	Action
1.	Click the RobotStudio button, and then click Licencing .

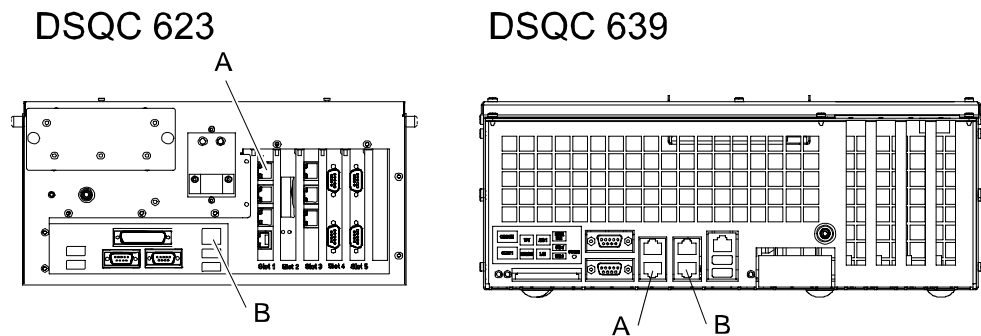
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Action	
2.	Click View Installed License Keys to see the status of your current license.
3.	If your RobotStudio installation is activated, you will have valid licenses for the features covered by your subscription.

How to configure and connect a PC or network to the controller

The illustration below shows the two main ports on the controller Computer Unit: the Service Port and the LAN port. Make sure the LAN (factory network) is not connected to any of the service ports!



xx0700000003

A	Service port on computer unit (connected to Service port on the Control Module front through a cable)
B	LAN port on computer unit (connects to factory LAN)

Action	Info
1. Make sure the network setting on the PC to be connected is correct.	Refer to the system documentation for your PC, depending on the operating system you are running. The PC must be set to "Obtain an IP address automatically".
2. Use the delivered category 5 Ethernet crossover boot cable with RJ45 connectors.	The cable is delivered in the RobotWare product box.
3. Connect the crossover boot cable to the network port of your PC.	The service port is shown in the figure above.
4. Connect the other end of the crossover boot cable to the service port.	
5. After configuring and connecting a PC to the controller, proceed with creating a system if required. NOTE that normally this step will not be required, since a system has already been installed.	