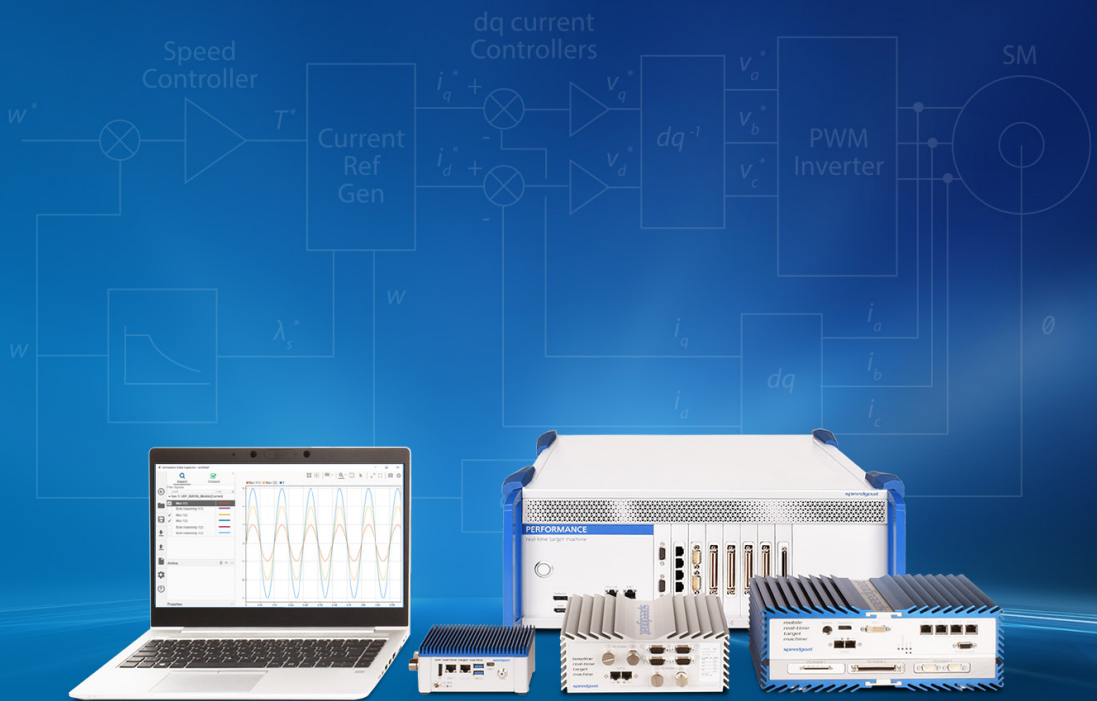


Quick Start Guide



Four simple steps for setting up your real-time target machine and connecting it to a development computer:

Visit the Speedgoat Customer Portal at speedgoat.com/login to:

- Download software and documentation for your Speedgoat hardware
- Check the status of your warranty and service packages
- Access documentation and tutorials

1

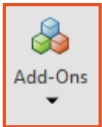
Install Software on the Development Computer

1. Type `ver` in the MATLAB® Command Window to verify that you have the required MathWorks® products installed on your development computer:

	MATLAB	Simulink®	MATLAB Coder™	Simulink Coder™	Simulink Real-Time™
Design, build and control real-time applications using MATLAB and Simulink	✓	✓	✓	✓	✓
Run and control real-time applications using MATLAB	✓	—	—	—	✓

2. Download and install the **Simulink Real-Time Target Support Package**

- In MATLAB, navigate to **Home > Add-Ons > Get Add-Ons**
- Search for **Simulink Real-Time Target Support Package**
- Select the package and proceed with the installation



3. Install the Speedgoat I/O Blockset for Simulink Real-Time

- Download the Speedgoat I/O Blockset from the Speedgoat Customer Portal and unzip
- In MATLAB, navigate to the root folder of the extracted archive
- Run `speedgoat_setup` at the MATLAB command prompt and follow the instructions
- To learn more about the installation options, type `doc speedgoat_setup`

2

Connect your Target Machine

Your target machine is ready to use out of the box:

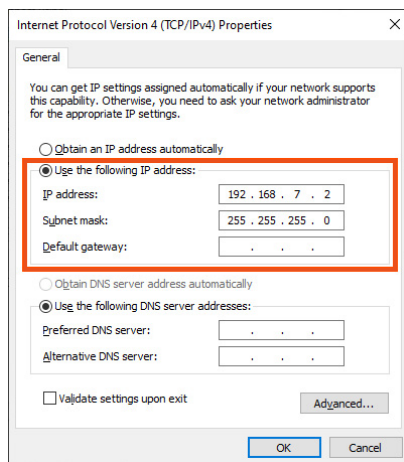
- Connect the supplied power cable or external power supply to the target machine
- Connect the supplied Ethernet cable between the target machine port labeled **Host Link** and the development computer
- Connect a monitor (recommended but not required)
- Power on the machine using the power button

3

Configure Windows Network Settings

1. In the Windows **Network and Sharing Center** on the development computer, configure the **Internet Protocol Version 4 Properties** for your Ethernet controller as follows:

- IP address: 192.168.7.2
- Subnet mask: 255.255.255.0

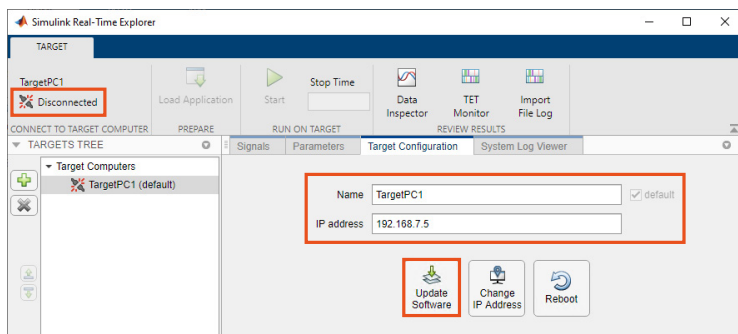


4

Configure MATLAB Network Settings

Open Simulink Real-Time Explorer by typing `slrtExplorer` in the MATLAB Command Window

- In the **Target Configuration** tab, set the IP address to 192.168.7.5
- Click **Update Software**



- Click the connect button in Simulink Real-Time Explorer to establish communication with the real-time target machine
- You can now perform a system test using the Simulink Test Model available in the Speedgoat Customer Portal. More information about system testing and any required hardware connections can be found in the Configuration and Testing Information document, also available in the customer portal.

Resources

Online documentation: speedgoat.com/help
Support email: support@speedgoat.com
Sales email: sales@speedgoat.com
Telephone: +41 26 670 7550 (General)
+1 508 233 2650 (USA)
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