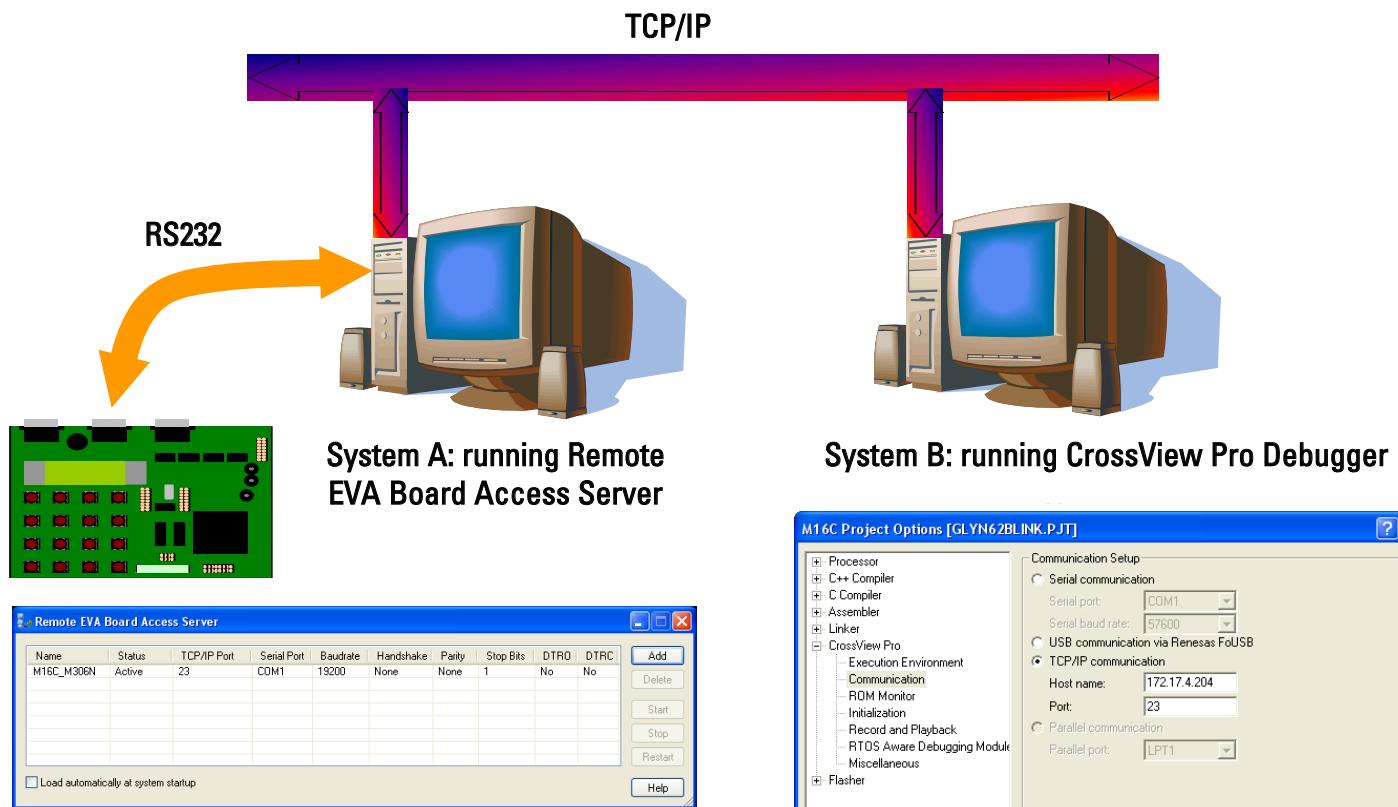


The Remote Evaluation Board Access Server is a remote COM port driver. This application allows CrossView Pro to communicate, via TCP/IP with an evaluation board that is connected to a COM port of another computer, e.g. system A and system B. This application should be installed and executed on the computer that has the evaluation board connected to one of its COM ports.

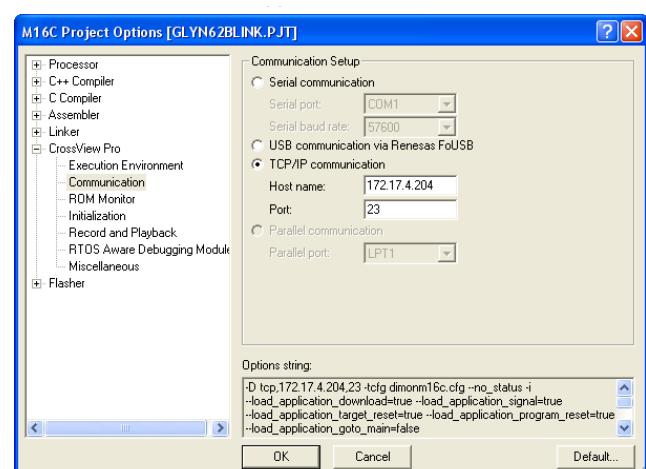


When you start the Remote EVA Board Access Server (system A) for the first time you will need to configure it. By pressing the Add button you can add one or more daemons. Each daemon is able to map one specific TCP/IP port to one COM port. Before activating a daemon, it should be configured:

The "Name" field allows you to identify the daemon. This is especially useful when you have more than one evaluation board connected to your computer.

The "Status" field shows the status of the daemon. As long as the daemon is running, it shows Active. If the daemon encounters a problem, this field will show an error message.

The "TCP/IP Port" field specifies the TCP/IP port the daemon will be listening on. You can either specify the TCP/IP port by number or by name.



To enable communication between CrossView Pro on the remote computer (system A) and the remote EVA Board (system B) make sure CrossView Pro has been set with the correct TCP/IP communication set up of system A.

For instructions see below:

1. From the **Project** menu, select **Project Options**.
2. In the left pane expand the **CrossView Pro** entry and select **Communication**.
3. Fill in the host name and port of system A at TCP/IP communication.

The "**Serial Port**" field specifies the COM port the evaluation board is connected to.

The "**Baudrate**", "**Handshake**", "**Parity**" and "**Stop Bits**" fields specify the properties of the specified serial port device.

The "**DTR0**" and "**DTRC**" fields allow holding DTR low for a short period when opening and/or closing the serial port device. After a daemon is configured, it can be activated by pressing the "Start" button. Please note that if you change any of the fields for an active daemon, you will need to restart the daemon for the change(s) to take effect.