e*Scope Software for Tektronix Oscilloscopes

DOWNLOAD INSTRUCTIONS

Using Microsoft Windows:
Download the file escope.exe to a temp directory or to your desktop. Run
escope.exe by double clicking on its icon or by clicking start, Run and then
browsing to the file location. This will install the escope web pages. Once
the pages are installed, open the file index.html with your web browser to
access escope.

Using Unix:
Download the file escope.tar to the directory where you would like the escope
web pages to reside. Perform a cd to this directory and type the command "tar
-xvf escope.tar" to unpack the escope pages. Once the pages are installed,
open the file index.html with your web browser to access e*scope.

Using Macintosh:
After downloading the file escope.sit to your desktop an e*scope icon and
e*scope folder will appear. In the e*scope folder click on the index.html
file or open the file index.html with your web browser to access e*scope.

ACTIVATION INSTRUCTIONS

1. Assign your oscilloscope an IP address. The address should contain 4 sets
of up to three numbers, separated by periods (e.g. 128.181.240.94). Ask your
organization's network administrators for an address.

2. If your PC is connected to the Internet and your oscilloscope and PC are
on the same side of your company's firewall, select either Method 1 or 2.

Method 1: Basic control option
Enter your oscilloscope's IP address into your Web browser window. This will
take you to the e*Scope home page housed in your oscilloscope. Click on the
Data tab at the top of the page. From the Data page you can type in commands
and control the oscilloscope (see figure 2).

To control your oscilloscope through its graphical user interface, click the
Control tab at the top of the browser window. When you click this tab, your
oscilloscope will retrieve the Control Page from http://www.tektronix.com
(see figure 4). The Control page is cached on your Web browser, your
connection with the Tektronix web site ends, and commands and data go
directly between your PC and oscilloscope.

Method 2: Advanced control option
From your browser, go to http://connect.tek.com/escope. Enter your
oscilloscope's IP address (see figure 3). This will take you to the e*Scope
home page housed in your oscilloscope. Click the Control tab at the top of
the page. Your oscilloscope will then retrieve the Control page, as described
in the previous paragraph (see figure 4). The Control page reproduces the
oscilloscope's graphical user interface.

3. If your PC and oscilloscope are on opposite sides of your organization's firewall, see your network administrator to find a suitable solution. The methods described here are commonly used.

A Virtual Private Network (VPN) makes the external PC appear as if it is attached to the internal enterprise LAN. This allows your network administrators to supervise and control the connection between your oscilloscope and the external computer.

A Reverse Proxy makes the oscilloscope look like it is outside the firewall. To the external PC, the oscilloscope appears to be on the Internet at a special URL.

The Port Forwarding approach forwards the port for the server outside the firewall. The oscilloscope's IP address becomes the IP address of the gateway. In some cases, you will need to change the oscilloscope's http port number to one other than its default 80 to prevent conflicts with other Web servers with the same default gateway address.

www.tektronix.com/oscilloscopes