Thank you for looking at eSTOP! online help!

Help for this program is only available through the information contained in this help file. Late breaking help and news can be found on our website by clicking on the eSTOP! News Web Link text on the main program window.

Version
This file accompanies version 1.0. You can locate the exact version of the program by clicking on the small icon in the upper left corner of the main window and selecting the *About eSTOP* menu option.

Program Requirements...

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Contacting Us...
If you are licensing this software for use outside of personal or non-profit use as defined in the license agreement, you can contact our sales department here:
(425) 413-0354 8am-5pm Pacific Time
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Technical Support is not available by phone or email for this product. Bugs and suggestions can be emailed to:
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How to use this program...

eSTOP! is capable of displaying and stopping selected or all established TCP network connections. Click here for Frequently Asked Questions (FAQs).

Main Window Controls
This paragraph details the workings of the main window buttons and display items. The main window has three large red buttons for stopping connections, three oval buttons for help, setup and exiting the program, and three text hyperlinks. There is one list control for displaying the TCP connections between your computer and other computers.

The Connection Display
The display list of TCP connections found at the bottom of the main window shows several columns for each TCP connection. **Double-clicking on any entry in the list will cause that connection to be stopped.** The column contents are:

- **Risk** - A security risk ranking from 1 to 3 with 1 being the lowest also noted with a green icon. The other icons are yellow and green.
- **Your IP:Port->Comments** - This field shows your network interface IP address:TCP Port number with any comments we have about the port number. This is known as the source port.
- **Their IP:Port->Comments** - This field shows the remote (the other computer's) network interface IP address:TCP Port number with any comments we have about the port number. This is known as the destination port.
- **Comments** - a field for displaying comments about the connection.

The Stop Buttons

- The largest one on the far left labeled '**eSTOP! ALL**' will instantly stop and break all TCP connections currently visible in the list.
- The middle one labeled '**all but WWW**' will instantly stop and break all TCP connections that are NOT WWW (world wide web) connections to a remote computer. WWW connections are on remote TCP ports 80 and 443.
- The next one labeled '**WWW Only**' will instantly stop and break all WWW TCP connections to other computers. WWW connections are on remote ports 80 and 443. This button will **not** stop incoming WWW connections to a web server running on your computer.

The Oval Buttons

- The **Close** button closes and exits the program.
- The **Setup** button activates the setup dialog box.
- The **Help** button activates Windows Help to display this file.

The Text HyperLinks
Clicking on these text links activates your web browser to view the associated web page on our website.

- **eSTOP! News Web Link** - http://www.nwpsw.com/estopnews.html
- **NWPS Inc Web Site** - http://www.nwpsw.com/
- **NetScanTools Web Site** - http://www.netscantools.com/

Frequently Asked Questions (FAQs)

TCP/IP - a protocol family commonly used to establish communication between two computers across a network such as the Internet.

TCP - transmission control protocol is a protocol that allows a reliable communication link between two networked computers. eSTOP! works by targeting Established TCP connections. An established TCP connection is one where information in the form of data packets are being exchanged according to the TCP protocol between a port on each computer.

IP address - Internet Protocol (IP) addresses are 32 bit binary addresses (much like telephone numbers) assigned to each network interface on a computer. Example: 192.168.1.1 is the decimal respresentation of the four 8 bit bytes comprising the 32 bit IP address. A computer may have more than one IP address.

Port - Each IP address has 65,536 individual TCP ports that can be used for incoming and outgoing connections. Client applications use outgoing connections on ports numbered 1024 or higher and server applications listen for incoming messages on specific ports usually (but not always) on ports 1-1024. The world wide web typically is found on port 80 for standard web connections and on port 443 for secure web connections.

Connection - an established link between two computers using a protocol such as TCP. An outgoing TCP connection has a source port on your computer and a destination port on the remote computer. These ports are both shown in the main display list.

Program Requirements

Operating System -- eSTOP! requires Windows 98, NT 4 SP4+, 2000, or ME. eSTOP! *will not work* on Windows 95. eSTOP! also requires a network connection with TCP/IP protocol.

Server Use - Proper use of eSTOP! requires a copy of estop.exe to be running on the computer that is actually running eSTOP! This program cannot be run remotely off of a server computer with shared directories--ie. you cannot open a shared directory containing estop.exe on another computer from your computer, run estop.exe and expect it to work right. eSTOP! only shows connections between your computer and other computers, it cannot show connections between two other remote computers.

Setup Dialog Box

This page describes the operation of the controls on the Setup Dialog Box.

Main Window Always On Top - by checking this box, eSTOP! will always be the top level program in the windows display surface. Default is unchecked.

Display Refresh Rate, Update Every... - this slider control and associated number to the right of the control controls the number of seconds between main display refreshes. Default = 1 second.

Events Controlling Popup From Taskbar Tray - this is group of several selections which control the circumstances under which the program will automatically popup from the taskbar to alert you of a problem connection:

- **Popup on activity on local ports 1-1024** - if checked, eSTOP! will popup from the taskbar tray and display the activity on local ports 1-1024 that caused the alarm. These are ports on your computer usually used for incoming connections, although not always. Default is checked.

- **Popup on activity above local port 1024** - if checked, eSTOP! will popup from the taskbar tray and display the activity on local ports 1024-65535 that caused the alarm. These are ports on your computer usually used for outgoing connections, although not always. Default is not checked.

- **Popup on activity on remote ports 1-1024** - if checked, eSTOP! will popup from the taskbar tray and display the activity on remote ports 1-1024 that caused the alarm. These are ports on a remote computer. Default is checked.

- **Popup on activity on remote ports above 1024** - if checked, eSTOP! will popup from the taskbar tray and display the activity on remote ports 1024-65535 that caused the alarm. These are ports on a remote computer. Default is not checked.

- **Do not popup on connections to remote WWW ports 80 and 443** - if checked, connections to these remote ports will not cause eSTOP! to popup from the taskbar tray. Default is checked.

Connection Filtering - this group has selections controlling what connections are to be displayed.

- **Show WWW and Secure WWW Connections (ports 80 and 443)** - when checked, allows WWW connections to be displayed. Default is checked.

- **Ignore Internal Loopback IP Address 127.0.0.1 Connections** - when checked, forces eSTOP! to ignore any connections occurring on that IP address. IP address 127.0.0.1 is a special internal IP address used by Winsock. It does not correspond to any physical machine and is present in all machines. Default is checked.