

EF System Monitor

Main Index

What is EF System Monitor?

- A comprehensive tool which provides you permanently with information about **all computers running on your network** like memory space, hard disk usage, date, time, user name, etc.
- EF System Monitor works on all Microsoft Windows platforms from Windows 95 to Windows 2000.
- When you run the EF System Monitor under Windows NT or Windows 2000 you can use the advanced sensors provided by Windows NT platforms, like process and thread surveillance, advanced IO ports monitoring, CPU times, etc.
- All items are displayed in a very nice & friendly fashion, using suggestive graphical histograms and icons.
- The EF System Monitor has the facility to show you not only the data from your local computer, but can much more: with the EF System Monitor Server (package included) can collect and display the data from remote computers from a TCP/IP network. For that are needed to install on the remote computers the EF System Monitor Server that works under Windows 95/98 as a simple program and under Windows NT and Windows 2000 as a service with the same features.
- When using Windows NT/2000 you can use **EF System Monitor Server** which is a service with the same features.

How to use EF System Monitor?

- How to add a sensor?
- How to use advanced sensors (for Windows NT/2000)?
- How to configure a sensor?
- How to configure EF System Monitor?
- Quick display features.

How to use EF System Monitor Server?

- Using EF System Monitor Server command line options.

Requirements:

- Windows 95, Windows 98, Windows NT 4.0 or Windows 2000
- TCP/IP only for remote connections, not required by local usage

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









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Sensors Overview


How to add a sensor?

- This is simple. Just right-click on your EF System Monitor and go to **Add new item** sub-menu.
- Here you'll see a list with the basic sensors provided. Please consult the next paragraph to see a brief description of them.
- After you select the desired counter you'll have to configure it a little bit.

What are the basic sensors available?

| | | |
|---|-----------------------------|--|
|  | User name | The current user logged on a computer (local or remote). |
|  | Computer name | The name of a computer wired to the network (when you know only the IP address) or the name of the local computer. |
|  | IP Address | IP Address of a computer connected to the network (if you know only the name of the computer) or the IP of the local computer. |
|  | CPU Time | The processor load percentage. |
|  | Drive Monitor | The amount of free/used space. |
|  | Physical Memory | The amount of free/used memory. |
|  | Page File | The size of the virtual memory file allocated by the system. |
|  | Virtual Memory | The system virtual memory. |
|  | System Date | Current system date. |
|  | System Time | Current system time. |
|  | System Date and Time | Both date and time into one line. |
|  | Windows Uptime | The time elapsed since the Windows startup. |
|  | Windows Version | Windows version and build number. |

The advanced sensors

 This set of counters is available only under Windows NT and Windows 2000. Using these counters you'll have a more accurate view of your system and network.

Advanced Sensors for Windows NT/2000

Adding an advanced sensor:

- Right-click on the EF System Monitor window. From the menu select **Add new View** and the **Advanced (NT only...)**.
- On the first level there are objects (groups of counters), on the second level are the counters. If the counter supports instances you'll see a branch with all supported instances.
- When selecting the objects, counters or instances you'll see in the bottom the item description.
- After counter selection you can proceed to detailed configuration.

Sensor Configuration

Configuring a sensor:

- Right-click on the EF System Monitor window. From the menu select **This View**.
- To edit the configuration select **Configuration...**
- To change the item position in the panel, select **Move Up** or **Move Down**.
- Select **Remove** to remove the counter from you panel.

Computer configuration

- Select **local computer** to reflect information from your computer.
- Select **remote computer** and type the computer name or IP address to view information from a computer connected to your network.

Refresh rate configuration

- Here you can adjust the speed the sensor value will be updated.
- Just slide the bar from **slow** to **fast**. Consider using appropriate speeds, i.e. slower for drive monitoring and fast for CPU time.

Drive configuration

- Select from the list the **drive** you want to monitor.

Layout configuration

- Here you can customize the item look.
- You can hide or show the **icon** related to the item.
- If this item represents an information from a remote computer you can hide or show the remote **computer name**.
- You can select the **display type** of the item: value, percent bar, graph or filled graph.
- Also you can select the way to **display the text**: long format, shot format, used value, short used value.

Colors configuration

- From here you can customize the color used to display the item.
- You can choose all colors used in graphical display, like the background color, text color, graph color.

Global Configuration

General configuration:

- Right-click on the EF System Monitor window. From the menu select **Configuration**.
- The **General Options** tab consists from some general display options:

| | |
|----------------------------------|--|
| Show Caption | Show or hide the main window caption. |
| Display Borders | Draw or not the item borders; deselect this option for a smooth view. |
| Autosize the window width | Auto size the main window width depending of the item with the largest text width. |
| Always on top | Select this to enable the float over the other windows. |
| Start with Windows | Automatically start EF System Monitor when the Windows starts up. |
| Start minimized | Start minimized in system tray. |

- From **System Tray** you can choose the appearance of the system tray icon when the EF System Monitor is minimized.

Font configuration:

- Right-click on the EF System Monitor window. From the menu select **Font...**
- Select the desired font for displaying texts.

Language configuration:

- Right-click on the EF System Monitor window. From the menu select **Language**.
- Select the desired language.

To hide/show caption: from the context menu check **Show Caption**.

To enable/disable always on top: from the context menu check **Always on top**.

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EF System Monitor Server

The EF System Monitor use for remote access to another computers connected to your TCP/IP network the EF System Monitor Server. This small program respond to the querryes from the EF System Monitor about needed data like CPU percentage, drivers space, memory usage, etc. For local use the EF System Monitor don't need this program.

Usage under **Windows 95 and Windows 98:**

The EF System Monitor Server works under Windows 95 and Windows 98 like any other program. You can start it from the command line, Windows Explorer, EF Commander or another file manager without any parameters. Recomanded is a Shortcut to the Autostart menü so that the EF System Monitor Server starts automaticaly when Windows starts.

The EF System Monitor Server show a little Icon at the System Tray where you can stop it with the mouse button. A small context menu appear with a Exit entry.

Usage under **Windows NT 4.0 and Windows 2000:**

The EF System Monitor Server works under Windows NT 4.0 and Windows 2000 as service. You must register the service befor you use it. You can then manage the EF System Monitor Server Service like all services from Windows and also with the folowing **command line options**:

- i** Install EF System Monitor Service
- s** Start the EF System Monitor Service
- e** Stop the EF System Monitor Service
- u** Uninstall EF System Monitor Service

The EF System Monitor Server don't show under NT or Windows 2000 any Icon to the System Tray.

Please note that you need the EF System Monitor Server only for the remote computers from where you whant to show data to the installed EF System Monitor. You don't need the EF System Monitor Server at your local computer.

Requirements:

- Windows 95, Windows 98, Windows NT 4.0 or Windows 2000
- TCP/IP

