

UserMonitor

for Windows 9x, ME, NT, 2000, XP

UserMonitor monitors PC activities in a windows network





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Features of UserMonitor

UserMonitor is ideal for teachers and administrators! With this software you have full control over the students activities. With UserMonitor you can

-  transfer your screen to all pupil screens to demonstrate something
-  monitor all actions of every single student.
You see the students screen as well as all of used programs.
-  give help by text messages
-  close unwanted programs



System requirements

- Windows 95,98,ME,NT,2000,XP or higher
- 3 MB free disk space
- TCP/IP network
- teacher computer: Pentium II or higher
- student computer: Pentium-Processor or comparable

Notes

- UserMonitor have to install on teacher computer. The student module have to installed on every student computer that should be monitored.
- If the resolution of the teachers screen (1024x768) is higher then the student screen (800x600), so the student see not the whole teachers screen while a demonstration.

Contacting the UserMonitor Team

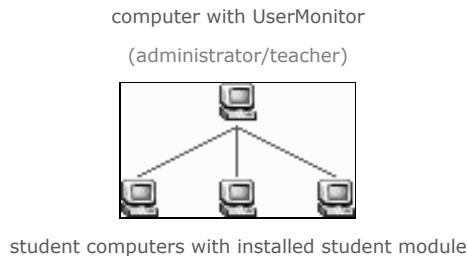
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Eine deutsche Version erhalten Sie unter <http://www.neuber.com>

Using UserMonitor

Install the student module on all computers in your network. Then you see these computers in UserMonitor.



UserMonitor displays all computers with installed student module. You see the user name and the active program on every computer. To see the whole activities of one user please click on the desired computer and then:



User screen

Shows the current user screen (screenshot) of the selected computer.



Programs

Shows all opened programs on the selected computer. File path of the exe-file and windows title are listed too. The windows title often contains the just opened. For example the visited web page with internet browser.



History

Shows all programs used by selected user in the past. The programs are listed chronologically. Click on a table head to sort after program name or file path.

You can intervene in a users activity. To send a user a message or close an unwanted program on the PC please click the computers and then:



Send text



End task

The teacher display screen can be transferred to selected users. Then the students see the teacher screen. To start the demo mode please click:




Send screen

Note

- You can select one of two Views: Detailed View and Room View (site plan).
- The student module is a small program running invisible on every student computer. It sends a screen or the list of active programs to UserMonitor over an existing network.

Installing the student module

The student module have to install on the student computers. Then UserMonitor can show you screens and used programs of student computers. So you install the student module:

1. Run UserMonitor.
2. Click the button  (Optionen).
3. Click **student module** tab.
4. Click **Create student module** button. Copy the installation files on floppy disk or into a network folder, which is available for the student computer.

Now install the invisible student module an **every** single student computer as follow:

1. Go to the student computer and boot it. Start the file **SetupPC.exe** from the created disk or from the network folder.
2. Select the option **Install student module on this PC**. Choose a folder. The student module will be installed in that folder.
3. Click **OK** button.

Note


- You can later use the created installation disk to reinstall or update (if IP address or port number of teacher computer changed) the student module on a student computer.

Troubleshooting a connectivity problem

If UserMonitor doesn't receive data from a student computer, so **Waiting for response of student module...** appears instead of the computer name. Please check in this case following:

A. UserMonitor have to be start on the administrator/teacher computer.

B. Verify basic TCP/IP connectivity between teacher and student computer.

► Click  (Options), to see the IP address and port numbers of the teacher computer used in UserMonitor. These data are important for a connection between teacher and student computer.

► Open Command Prompt on the student computer. Verify the connectivity to the teacher computer using following commands:

ping <IP address>

checks the IP connection to the teacher computer

ipconfig

shows TCP/IP configuration of a computer

Solution: Set up the TCP/IP network correctly. More information in Windows help (keyword: Networking problem).

C. Verify the connection to UserMonitor.

► Open Command Prompt on the student computer. Verify the connectivity to port numbers, determined in UserMonitor's options:

telnet <IP address> <port number>

shows a message from the Teacher Server. If telnet cannot make a connection to UserMonitor, MS-DOS shows a "connection denied" message.

Solution: Your Firewall have to permit connections between student and teacher computer on port numbers you set up in UserMonitor's options. Add a new filter rule to allow the UserMonitor files:

to act as a server

The files listed below wait for request on the port numbers selected in UserMonitor's options.

to access to local network

Usermonitor.exe sends data (requests) on selected port numbers to IP addresses of the student computers. The other exe-files listed below send data on selected port numbers to the IP address of the teacher computer.

file	description
UserMonitor.exe	UserMonitor / Teacher Module
smodule.exe	Student Module
showdemo.exe	showdemo
SetupPC.exe	Installation

D. If the cause of your connectivity problem is not the Firewall, you can select other port numbers or an other IP address (possible if the teacher computer have more network adapters). Then create a new installation disk of the student module. Then install the student module (with new IP address and port numbers) on all student computers.

Note

- It's the same if you boot teacher or student computer first in daily working.

Watching student activities

UserMonitor shows computer name, user logged in, active program. To see user activities in detail, click the student computer and then:



User screen



Programs



History

Notes

- To renew the screenshot or the list of programs please click the same button again or press F5 key.
- To save a student screen as BMP file or the program list as HTML file, please RIGHT mouse click the screen. Then click **Save as**.
- Click F12 key to see the student monitor as fullscreen on the teacher computer.
- The student module have to be installed on every singel student computer you want to supervise.

Changing view options of student computers

Click the button  (View) to switch between Details view and Classroom view.

Details view

Student computers are viewing as list. Computer and user name, active program with path of the exe-file are displayed. All data are updated permanently. The time column shows the time of the last update (last contact to student module of this computer).

Classroom view

Student computer are viewing as large symbols. You can move the symbols by drag and drop to reproduce the computer pool (site plan).

You can adjust both views. Right mouse click into the view. Then select:

• View on the left side

The UserMonitor windows is divided vertically instead of horizontally. The student computers are on the left side. This option is useful to reproduce a oblong computer room.

• View with computer icons


You see every student computer as a icon. The icon is a small computer. If that option is unselected, the icon of the active program used by student is shown instead of the standard computer icon.

Note

- You can move the icons with your mouse to reproduce your class room. Please press shift key when moving icons.

Transferring your screen to other screens


You can live transfer the operations on your screen to other screens. That works in every LAN. So a teacher can show students how to work with computer and software.

1. Click  **Send screen** button.
2. Select computers whose students should see the teachers screen.
3. Click **Start** button.

Notes

- Please note that the students see all your screen activities. Please hide the task bar if necessary.
- To stop the screen transfer please click on UserMonitor in the task bar. Then confirm end of the transfer.
- The student computers shouldn't have any higher monitor resolution than the teacher computer.
- The representation on the student computers can be delayed by few seconds depending on network exploitation. Therefore you have to demonstrate operations slowly. It can come to further delays if there are animated graphics on the teacher display screen.



Sending a message

1. Click on the computer to whose users you would like to send a message.
2. Click  **Send text** button.
3. Enter title and text. The user receives this message as a messagebox.

Notes


- The student module have to run on student computer so that the student receive the message.
- Please use that capability to give the students a support at difficult tasks or warn of not allowed jobs.

Closing a program on an other computer

1. Click a computer and then click  **Programs** button.
2. Click the program you would like to close.
3. Click  **End task** button.


The user get the well know "Save before ending" question before the program closes.

Notes

- If you haven't marked any program in the programs list, UserMonitor closes the active program on the selected computer.
- The student module have to run on student computer so that students programs can be closes by you.
- To close a program immediately press Ctrl key while clicking  **End task** button. Then no "Save before ending" question appears. Students data are not saved.

Warn teacher when unauthorized software is used

The teacher can get a warning message when a student uses a unauthorized software on his computer. As soon as a unauthorized program is in foreground, the teacher get a message with information about program name, file path, user name and computer name.

1. Run UserMonitor.
2. Click the button  (Optionen).
2. Click the **Warn** tab.
3. Select the option "Warning when executing unknown programs".
A list of known programs is shown below that option. The teacher get no warning message when students use known programs.

Notes

- To add a program to the "known programs", please unselect the "Always warn if this program is used" option in the warning message.
- Furthermore the teacher get no warning message if the "Only warn if UserMonitor runs in background" option is selected and UserMonitor is in foreground on the teacher computer.

When a student use a (unauthorized) program not listed in the list of known programs, the teacher get following warning message. Unselect the "Always warn if this program is used" option to add that program to the list of known programs.



Changing the language

UserMonitor recognizes the used language Sprache (Englisch, Deutsch, ...) automatically. To change the language make the following:

1. Run RegEdit.
2. Go to HKEY_CURRENT_USER\Software\Neuber GbR\User Monitor\
3. Double click LangFile and enter a new language file
(lgc_english.txt is the English language file).
3. Close RegEdit.

Notes

- You can download additional language files at  www.neuber.com/usermonitor.

Switching the shareware to a registered version

1. On **REGISTER** click **Unlock the shareware version**.
2. Enter the Name and Code in the registration dialog **exactly** as shown in the information sent to you.
Registered users of Visual TimeAnalyzer simply enter their unlock data of Visual TimeAnalyzer.
3. Click **Unlock**.

Note

- Martin JR. is the same as Martin j r
- If you have question please ask us.
- You can order your registration code for \$49 (49 Euro).

Uninstalling UserMonitor

1. Click Start-Settings-Control panel.
2. Click **Software**.
3. Click the **Remove** button to delete UserMonitor from your Computer.

Note

- You can also run uninstal.exe in the UserMonitor directory

Disclaimer

Logging other users activities or breaking into other users computer without their permission can be illegal in some countries. UserMonitor is allow for authorized system administrators and teachers only.

UserMonitor is supplied as is. Neuber GbR assumes no liability and is not responsible for any misuse or damage caused by UserMonitor. It's final user's responsibility to obey all applicable local, state, federal and countries laws.