

Using exact methods, you can monitor all sorts of parameters indicating a defective HW on PC and NB (NoteBook) by using watches.

Setup of watches for HW monitoring is done after entering C-Monitor scheduler, in the section Watches, click on the wizard for adding a new watch.

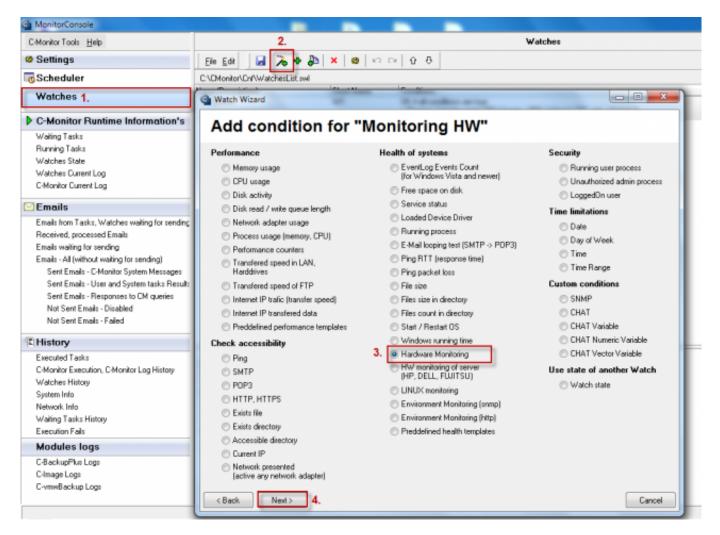


Image: Pridanie watchu pre HW monitoring na PC

In the next window, set what you want to be evaluated and enter default values, where e.g. the disk status is evaluated as OK and limit values, which when are exceeded, it'll cause an error message.



## Monitoring of the insides of PC, NB

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C-MonitorTools ∐elp 9 Settings 5 Scheduler	Ele Edit 🖬 🎘 🗣 🐉	I to I as I		Watches				
-	Eile Edit 🖬 ゐ 🕈 🖡							
Scheduler		Ele Edit 🛛 😼 🔸 🖉 🗠 🖙 🖓 🖓 🖓						
	E:VEMonitorVEn/tWatchesList.swl							
Watches	Watch Wizard	- Section -						
C-Monitor Runtime Information	Hardware Monit	oring Sei	nsors	6				
Waiting Tasks								
Running Tasks	Sensor	Current Value	Relati	Compared Value				
Watches State	<ul> <li>Intel Sandy Bridge</li> </ul>							
Watches Current Log	Temperature							
C-Monitor Current Log	Core #0	54 °C	<	65 °C Sem zadáte hraničné hodnoty, ktoré				
	Core #1	53 °C	<	65 °C 🔨 keď budú prekročené, stav zariadenia				
Emails	ST950042 0AS			bude vyhodnotený ako chybný a o				
Emails from Tasks, Watches waiting for sen				tomto stave budete informovaný				
Received, processed Emails	- 🗹 Assembly	37 °C	<	55 °C emailom, smskou				
Emails waiting for sending	Air Flow	37 °C	<	55 °C				
Emails - All (without waiting for sending)	<ul> <li>Battery 1</li> </ul>							
Sent Emails - C-Monitor System Message								
Sent Emails - User and System tasks Re		12.37 V						
Sent Emails - Responses to CM queries	<ul> <li>Capacity</li> </ul>							
Not Sent Emails - Disabled	Designed Capacity	51149 mWh						
Not Sent Emails - Failed	- Eul Charge Capacity	51149 mWh						
1. Patran	Current Capacity	49982 mWh						
History	4 Level							
Executed Tasks	Wear Level	0 %						
C-Monitor Execution, C-Monitor Log History	Charge Level	<b>98</b> ×						
Watches History								
System Info								
Network Info								
Waiting Tasks History								
Execution Fails								
Modules logs								
C-BackupPlus Logs								
C-Image Logs								
C-vmwBackup Logs	<back next=""></back>			Cancel				

Image: Voľba položiek pre sledovanie hw na počítačoch, preddefinovanie sledovaných hodnôt

After passing through the following windows of the wizard for adding a watch for HW monitoring, you'll get to the section displayed on the next image, where you have an option to define actions, which are going to be executed after the watch is evaluated into error state. For example, you can configure sending of SMS message informing about the error state.



## Monitoring of the insides of PC, NB

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MonitorConsole						
C-Monitor Tools Help	Watches					
Settings	Ele Edit 🔒 💫 🗣 🔉 🗶 🕬 🗠 🖓 🔆 🖓					
<b>Scheduler</b>	C.VCMonitor/Cr/W/atchesList.swl					
Watches	Watch Wizard					
C-Monitor Runtime Information's	Set a Start action for "hw monitoring"					
Waiting Tasks Running Tasks Watches State Watches Durrent Log C-Monitor Current Log	If state of the watch changes to FAIL, perform START action - execute task, display, log, send notifications  Description of FAIL state Start 1					
Emails	V Enabled If state of the watch changes to FAIL and is FAIL more than 0 The Sec of do: Nastavaria posielasis SMS					
Emails from Tasks, Watches waiting for sending Received, processed Emails Emails waiting for sending Emails - All (without waiting for sending) Sent Emails - C-Monitor System Messages Sent Emails - User and System tasks Result: Sent Emails - Responses to CM queries Not Sent Emails - Disabled Not Sent Emails - Failed	It state of the watch changes to FAIL, and is FAIL more than 0 sec do: Execute Command Line Display Message to User Add Message to Log File Add Message to EventLog Send SMS (via CM server, must be supported by CM server) hw monitoring - Start 1 - \$computer\$ \$company\$ Send SMS To SMS recipients are not specified!					
Executed Tasks C-Monitor Execution, C-Monitor Log History Watches History System Info Network Info Waiting Tasks History Execution Fails	Send E-Mail to custom E-Mail Addresses					
Modules logs						
C-BackupPlus Logs C-Image Logs C-vmwBackup Logs	< Back Next > Cancel					

Image: Nastavenie akcie pri prechode watchu do stavu fail, možnosť odoslania sms správy

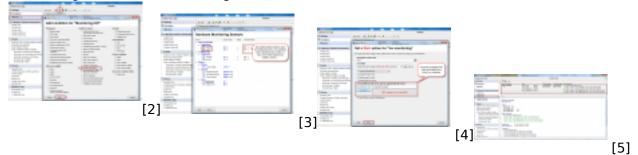
State of the particular conditions, as well as the watch's evaluation can be viewed anytime in the section Watch State.

C-Manitas Taata Help & Settings	Watshes State							
	🛱 📭 🔺							
Scheduler	Nane / Short Nane	Value	State E valuated	Last State Drange	State Description			
Watches	her maniforing w1	CPU Core #0 = 56 CPU Core #1 = 58 HDD ST950042 0AS = 38	C Thu, 152550	30. Aug 2012 Thu, 15:17:50	OK - bacause all conditions are true ● TRUE - Hw/Mon. : CPU Core #0 (56 °C) < 65 °C (30, 8, 2012 15 25-40) ● TRUE - Hw/Mon. : CPU Core #1 (58 °C) < 65 °C (30, 8, 2012 15 25-40)			
C-Monitor Runtime Information*		HDD ST950042 0AS = 38			TRUE - HwiMon. : HDD ST950042 04S (38 °C) < 55 °C (30. 8, 2012 15:25 4)			
Waiting Tasks					<ul> <li>TRUE - Hw/Mon. : HDD ST950042 D4S (38 °C) &lt; 55 °C (30. 8, 2012 15:25:40</li> </ul>			
Purning Tasks								
Watches: State	*							
Watches Current Log								
C-Monitor Current Log	Name: hw monitoring							
Emails	Short Name: W1							
	Values							
Emails from Tacks, Watches waiting for serve	CPU Core #0 55 °C							
Received, processed Emails	CPU Core #1 58 °C HDD \$1950042 GAS 38	· ·						
Emails waiting for sending	HDD 51950042 GAS 38							
Emails - All (without waiting for sending)								
Sent Ensels - C-Monitor System Message	State Description							
Sent Enails - User and System tasks Res	OK - because all conditions an > TRUE - Hw.Mos. : CRU Core	e true #0 (56 °C) < 65 °C (30, 8, 2012 15;	25(40)					
Sent Ensels - Responses to CM queries		#1 (58 °C) < 65 °C (30, 8, 2012 15)						
Not Sent Enails - Disabled		0042 BAS (38 °C) < 55 °C (30, 8, 2						
Not Sent Enails - Failed	> TRUE - Hw.Mon. : HDD ST95	0042 BAS (38 °C) < 55 °C (30, 8, 2	2012 15:25:40)					
EHistory		Aug 2012, 15:25:50						
Esecuted Tecks	State Changed at Thu, 30	Aug 2012, 15:17:50						
C-Monitor Esecution, C-Monitor Log History	Conditions							
Watches History	OK if all conditions are true							
Sectors Info	> Hw.Mon. CPU Core #0 < 65; > Hw.Mon. CPU Core #1 < 65;							
Natwork Info		5 < 55; Value to CIII : min. change 2	2					
Wainer Tarke History		5 < 55; Value to Cill : min. change 2						

Image: Vyhodnocovanie watchu v žáložke Watch State Date:



## 09/01/2012External Links: Monitoring HW serverov [1]Images:



## Links

[1] https://www.customermonitor.co/node/580

[2] https://www.customermonitor.co/sites/default/files/pridanie%20watchu%20na%20hw%20monitoring\_0.png

[3] https://www.customermonitor.co/sites/default/files/pridanie%20watchu%20na%20hw%20monitoring2\_0.png

[4] https://www.customermonitor.co/sites/default/files/hw%20monitoring%20nastavenie%20pri%20f alse%20stave\_0.png

[5] https://www.customermonitor.co/sites/default/files/watch%20state\_1.png