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

R

OMER MONITOR

nonitoring and management tool

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.

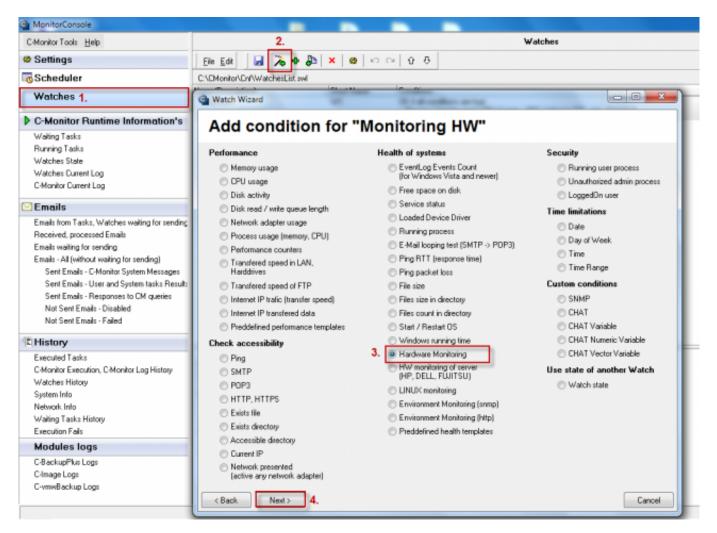


Image: Pridanie watchu pre HW monitoring na PC

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

Published on Customer Monitor (https://customermonitor.eu)

MonitorConsole		_						
C-Monitor Tools Help			Watches					
Ø Settings	Ele Edit 🖬 🏷 🗣 🔈	C:\DMonitor\Dn/\WatchesList.swl						
Scheduler	C:\/EMonitor\/En/\WatchesList.swl							
Watches	Watch Wizard	the fam.						
C-Monitor Runtime Information	Hardware Monitor	ing Sensor	s					
Waiting Tasks								
Running Tasks		Current Value Relati	Compared Value					
Watches State	 Intel Sandy Bridge 							
Watches Current Log	Temperature							
C-Monitor Current Log		54 °C <	65 °C Sem zadáte hraničné hodnoty, ktoré					
🖸 Emails		53 °C <	65 °C 🔨 keď budú prekročené, stav zariadenia					
	ST950042 0AS		bude vyhodnotený ako chybný a o					
Emails from Tasks, Watches waiting for sen			55 °C emailorn smskou					
Received, processed Emails		37 °C ∢	55 °C emailom, smskou					
Emails waiting for sending	Battery 1	ST L L	55 C					
Emails - All (without waiting for sending) Sent Emails - C-Monitor System Message								
Sent Emails - User and System Message		12.37 V						
Sent Emails - Responses to CM queries								
Not Sent Emails - Disabled		51149 mWh						
Not Sent Emails - Failed		51149 mWh						
	Current Capacity	9982 mWh						
E History	4 Level							
Executed Tasks	- Wear Level	2						
C-Monitor Execution, C-Monitor Log History	Charge Level	38 %						
Watches History								
System Info								
Network Info								
Waiting Tasks History								
Execution Fails								
Modules logs								
C-BackupPlus Logs								
C-Image Logs								
C-vmwBackup Logs								
	< Back Next >		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

Published on Customer Monitor (https://customermonitor.eu)

MonitorConsole	
C-Monitor Tools Help	Watches
Settings	Ele Edit 🔒 💫 🗣 🐉 🗙 😆 🗠 🗠 😳 🥸
Scheduler	C.VCMonitor/Cr/W/atchesList.swl
Watches	Watch Wizard
C-Monitor Runtime Information's Waiting Tasks Running Tasks Watches State Watches State Watches State Watches Durrent Log C-Monitor Current Log C-Monitor Current Log Emails from Tasks, Watches waiting for sending Received, processed Emails Emails tom Tasks, Watches waiting for sending Received, processed Emails 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	Set a Start action for "hw monitoring" If state of the watch changes to FAIL, perform START action - execute task, display, log, send notifications Description of FAIL state Start 1 Enabled If state of the watch changes to FAIL and is FAIL more than 0 Sec dx 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\$
Executed Tasks Executed Tasks C-Monitor Execution, C-Monitor Log History Watches History System Info Network Info Waiting Tasks History Execution Fails Modules logs	Send SMS To SMS recipients are not specified!
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

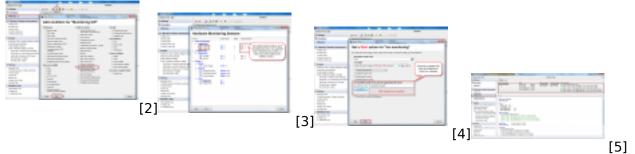
State of the particular conditions, as well as the watch's evaluation can be viewed anytime in the section Watch State.

C-Manitze Taatz Help	Watches State								
Settings	🛱 📭 😐								
Scheduler Watches	Name / Short Name have manifering W1	Value CPU Care #0 = 56 CPU Care #1 = 56	FC Thu, 19:25:50	Last State Drange 30. Aug 2012 Thu, 15:17:50	State Description OK - because all conditions are true TRUE - HwNon : DPU Core #0 (56 °C) < 65 °C (30, 8, 2012 15:25:40)				
C-Monitor Runtime Information		HDD ST950042.0AS = 38 HDD ST950042.0AS = 38			 TRUE - Hwildon: : DPU Cose #1 (58 °C) < 65 °C (30. 8, 2012 15:25:40) TRUE - Hwildon: : HDD ST950042 045 (38 °C) < 55 °C (30. 8, 2012 15:25:40) 				
Wailing Tasks					 TRUE - Hw/Mon. : HDD ST950042 D4S (38 °C) < 55 °C [30, 8, 2012 15:25:40] 				
Punning Taska									
Watchez State									
Watches: Current Log									
C-Monitor Current Log	Name: hw monitoring Short Name: W1								
Emails	anort name: eri								
Emails from Tacks, Watches waiting for same	Values								
Received, processed Emails	CPU Core #0 55 °C CPU Core #1 55 °C								
Email: waing to sending	HDD \$T950042 GAS 35	c							
Emails - All without waiting for sending	HDD \$T950042 GAS 35	c							
Sent Enails - CM priter System Message	State Description								
Sent Ensails - User and System tasks Rep	OK - because all conditions are								
Sent Emails - Responses to CM queries		0 (56 °C) < 65 °C (30, 8, 2012 15;							
Not Sent Emails - Disabled		H (58 °C) < 65 °C (30, 8, 2012 15; 042 6AS (38 °C) < 55 °C (30, 8, 2							
Not Sent Enails - Failed		042 8A5 (38 °C) < 55 °C (30, 8, 2							
	Evaluated at The 30.	Aug 2012, 15:25:50							
EHistory		Aug 2012, 15:17:50							
Esecuted Tacks									
C-Monitor Execution, C-Monitor Log History	OK if all conditions are true								
Watches: History	> Hw.Mon. CPU Core #0 < 65; 1	Alue to CH : min. change 2							
System Info	> Hw.Mon. CPU Core #1 < 65; 1		_						
Network Info	> Hw.Mee. HDD ST950042 0A3 > Hw.Mee. HDD ST950042 0A3	< 55; Value to CH : min. change 2							

Image: Vyhodnocovanie watchu v žáložke Watch State Date:



09/01/2012External Links: <u>Monitoring HW serverov</u> [1]Images:



Links

[1] https://customermonitor.eu/node/580

[2] https://customermonitor.eu/sites/default/files/pridanie%20watchu%20na%20hw%20monitoring_0. png

[3] https://customermonitor.eu/sites/default/files/pridanie%20watchu%20na%20hw%20monitoring2_ 0.png

[4] https://customermonitor.eu/sites/default/files/hw%20monitoring%20nastavenie%20pri%20false% 20stave_0.png

[5] https://customermonitor.eu/sites/default/files/watch%20state_1.png