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.co)

C MonitorConsole		_		
C-Monitor Tools Help				Watches
Settings	Ele Edit 🖬 🍡 🗣 🖧	X 😫 Ю	C≥ Û	8
Scheduler	C:\EMonitor\Enf\WatchesList.swl			
Watches	Watch Wizard	Starting	-	
C-Monitor Runtime Information	Hardware Monit	oring Se	nsors	
Waiting Tasks		-		
Running Tasks	Sensor	Current Value	Relati	Compared Value
Watches State	Intel Sandy Bridge			
Watches Current Log	Temperature			
C-Monitor Current Log	Core #D	54 °C	<	65 °C Sem zadáte hraničné hodnoty, ktoré
	Core #1	53 °C	<	65 °C 找 keď budú prekročené, stav zariadenia
🖸 Emails	 ST950042 0AS 			bude vyhodnotený ako chybný a o
Emails from Tasks, Watches waiting for sen-	Temperature			tomto stave budete informovaný
Received, processed Emails	- 🗹 Assembly	37 °C	<	55 ℃ emailom, smskou
Emails waiting for sending	Air Flow	37 °C	<	55 °C
Emails - All (without waiting for sending)	Battery 1			
Sent Emails - C-Monitor System Message	 Voltage 			
Sent Emails - User and System tasks Re	Current Voltage	12.37 V		
Sent Emails - Responses to CM queries	 Capacity 			
Not Sent Emails - Disabled	 Designed Capacity 	51149 mWh		
Not Sent Emails - Failed	- Eul Charge Capacity	51149 mWh		
(7) + H	Current Capacity	49982 mWh		
E History	 Level 			
Executed Tasks	- Wear Level	0 %		
C-Monitor Execution, C-Manitor Log History	Charge Level	98 %		
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.co)

MonitorConsole	
C-Monitor Tools Help	Watches
Settings	Ele Edit 🛃 🚴 🗣 🐉 🗙 🥴 🗠 🗠 🔆 🔆
o Scheduler	C:VCMonitor/Crrl/WatchesList.swl
Watches	Watch Wizard
C-Monitor Runtime Information's	Set a Start action for "hw monitoring"
Waiting Tasks Running Tasks Watches State Watches State Watches Durrent Log C-Monitor Current Log 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	 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 of do: Execute Command Line Display 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
Executed Tasks C-Monitor Execution, C-Monitor Log History Watches History System Info Network Info Waiting Tasks History Execution Falls Modules logs	Simp 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.

Ca MonitorConsole	Supervise of	and a state		_ D X				
C-Manitze Taatz Help	Watches State 5							
Settings	🔂 🔁 🛛 👁							
Scheduler	Name / Short Name Value	State E valuated	Last State Divange State Description					
Watches	her maniforing CPU Date #0 W1 CPU Date #1 HOD ST 9500220	= 56 °C 30. Aug 2012 = 58 °C Thu, 152550	30. Avg 2012 OK - because all conditions a Thu, 15:17:50 TRUE - Hw Mon : CPU C TRUE - Hw Mon : CPU C	ne faue Dese #0 (56 °C) < 65 °C (30, 8, 2012 15 25 40) Dese #1 (58 °C) < 65 °C (30, 8, 2012 15 25 40)				
C-Monitor Runtime Information"	HDD ST 550042 0	2° 86 - 24	 TRUE - HwMon. : HDD 5 	3T950042 D45 (38 °C) < 55 °C (30. 8. 2012 15:25:40)				
Waiting Tasks			TRUE - Hw/Mon. : HDD 5	3T950042 D4S (38 °C) < 55 °C (30. 8. 2012 15:25:40)				
Burning Tasks								
Watches State	* 🔜			,				
Watches Current Log				4				
CMonitor Current Log	Name: Inv monitoring Short Name: W1			1				
Emails								
Emails from Tacky, Watches waiting for same	CRU Core #0 5510							
Received, processed Ernels	CPU Core #1 58 °C							
Email: waiting for sending	HDD \$T950042 GAS 38 'C							
Email: - All (without waiting for sending)	HDD \$T950042 GAS 38 °C							
Sent Enails - C-Monitor System Message	State Description			-				
Sent Enails - User and System tasks Res	OK - because all conditions are true							
Sent Enails - Responses to CM quesies	> TRUE - Hw. Men. : CPU Cere #0 (56 °C) < 65 °C (30 8 2012 15 25 40)							
Not Sent Enails - Disabled	> TRUE - TWA Ben : LPM Care #1 (56 °C) < 65 °C (30. 8. 2012 (32.3549) > TRUE - MAX Ben : HDM STRUMPL ARX (10.71 / 2017 (2018 2014))							
Not Sent Ensaits - Failed	> TRUE - Hw.Men. : HDD ST950042 GAS (38 °C) < 55 °C	(30. 8. 2012 15:25:40)						
1 History	Evaluated at Thu, 30. Aug 2012, 15:25:50							
Executed Tarks	State Changed at The, Set Aug 2012, 15:17:50							
C-Monitor Execution, C-Monitor Log History	Conditions							
Watches: History	OK if all conditions are true	-						
Sectors Info	> Hw.Mon. CPU Core #0 < 65; Value to CII : min. chang > Hw.Mon. CPU Core #1 < 65; Value to CII : min. chang	2						
Network Info	> Hw.Mon. HDD ST950042 0AS < 55; Value to Cill : min.	change 2						
Walley Tarks History -	> Hw.Mon. HDD ST950042 GAS < 55; Value to CII : 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.co/node/580

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

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

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

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