

Interner Prüfbericht

Internal Test Report

IPB/ITR 05/06

Testobject / -bezeichnung:

Test item / description:

iSCSI Storage System Promise VTrak M500i, M300i**Ersteller/Veranlasser:**

Initiator:

Christoph Bast**Prüfverantwortlicher:**

Test responsible:

Christoph Bast**Auftragsdatum:**

Date of Issue:

22.02.2006*(last editing 29.07.2006)***Zieltermin:**

Deadline:

Verteiler:

Distribution List:

Gewünschte Sprache:

Desired Language:

☐**Deutsch****x****Englisch**

1. Ziel der Prüfung / Test objective:

Multiscope 4x4 with Promise iSCSI RAID Storage System VTrak M300i

GeViScope with Promise iSCSI RAID Storage System VTrak M500i, M300i

2. Testumgebung / Test environment:

- GeViScope , Build 186
- MultiScope III / 4x4 , Motherboard Intel 945, RAM 1 GB, CPU Celeron 2,53 GHz
- USB 2.0 Network card 100 MBit/s (Linksys Type: USB200M-DE)
- Microsoft iSCSI Initiator 2.01
- Desktop Network card 1000 MBit/s (Intel Type: INTEL PRO/1000 MT Desktop Adapter)
- Gigabit Ethernet Switch (Compushak Type: Switch 8000 Smart)
- Promise VTrak M300i (SATA RAID Storage System)
 - 12 hot-swap drive bays in a robust 2U chassis
 - Supports SATA II 3Gb/s drives
 - 2 iSCSI host ports (1Gb Ethernet), cluster ready
 - Up to 350 MB/s sustained throughput
 - Redundant, hot-swap power and cooling units
 - Mgmt =Management Port (100 MBit/s) (Telnet Port, Webserver Port 80)

**VTrak M300i**

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3. Prüfergebnisse / Test results:



Never use MultiScope III and GeviScope with one Network Connection for iSCSI and standard network connection together!

You must install multiple Network Interface Cards (NICs) or iSCSI HBA (HostBusAdapter)

1 Configure VTrak with Hyper Terminal

- Bits per second: **115200**
- Data bits: **8**
- Parity: **None**
- Stop bits: **1**
- Flow control: **none**

At the **Login** prompt, type **administrator** and press Enter.

At the **Password** prompt, type **password** and press Enter.

Set IP Address for Management Port, iSCSI 1 and iSCSI 2

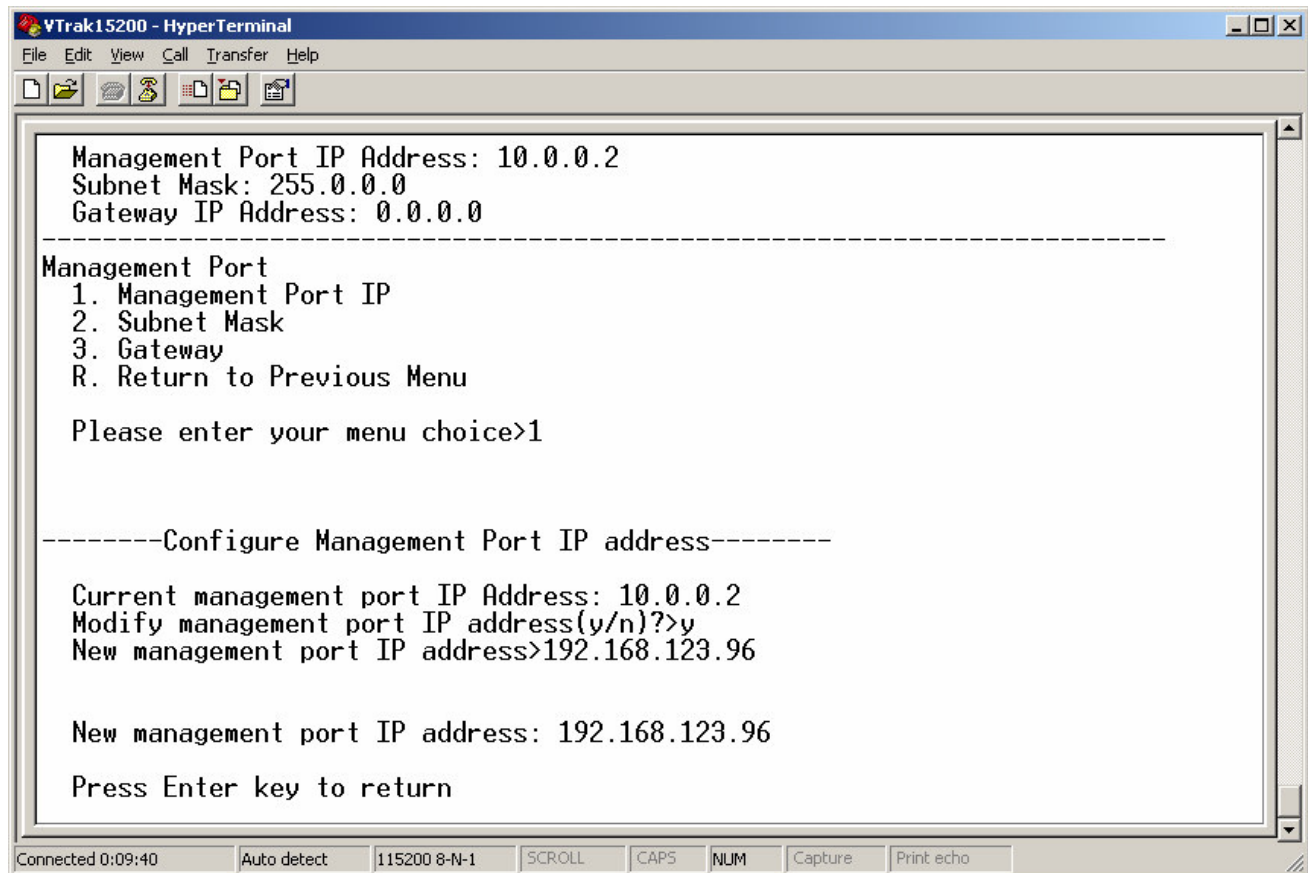
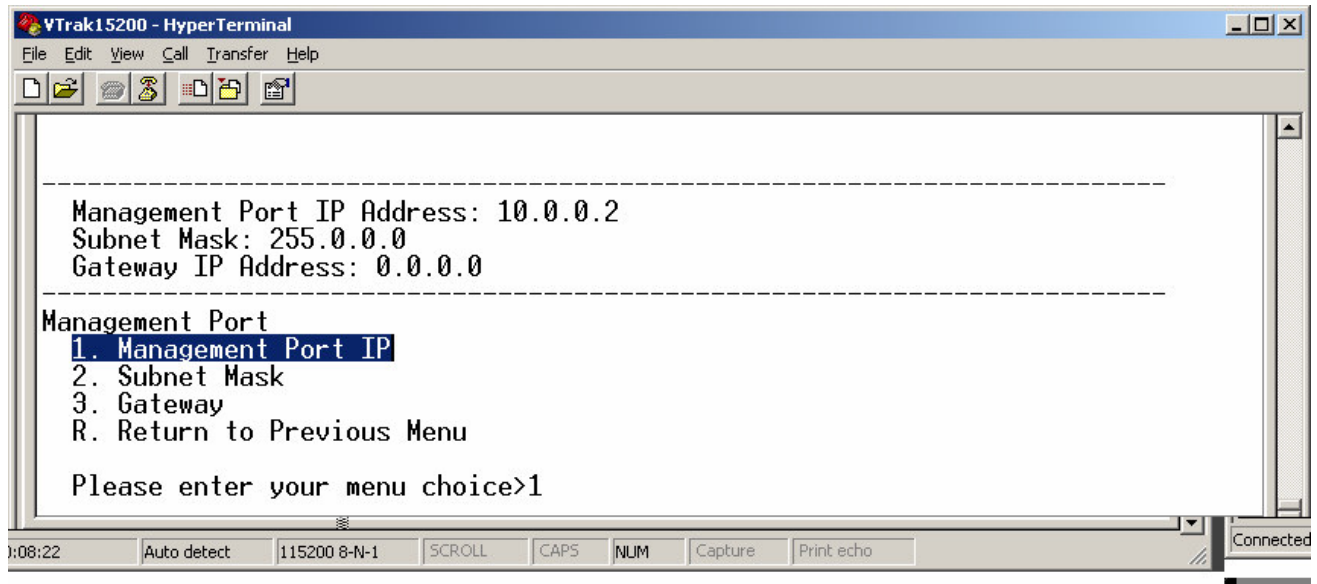
Mgmt	192.168.2.250
iSCSI 1	192.168.2.251
iSCSI 2	192.168.2.252



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2 Software-based Microsoft iSCSI Software Initiator V 2.01

You can use a software-based iSCSI initiator in combination with a GbE NIC.
If you choose a Microsoft software iSCSI initiator Install the iSCSI initiator on your Host PC then proceed with the following steps.



Multipathing MPIO

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2. On the Target Portals tab, click on **Add** button.
3. In the Add Target Portal dialog box, type in the IP address of one of the VTrak's iSCSI ports and click **OK**.

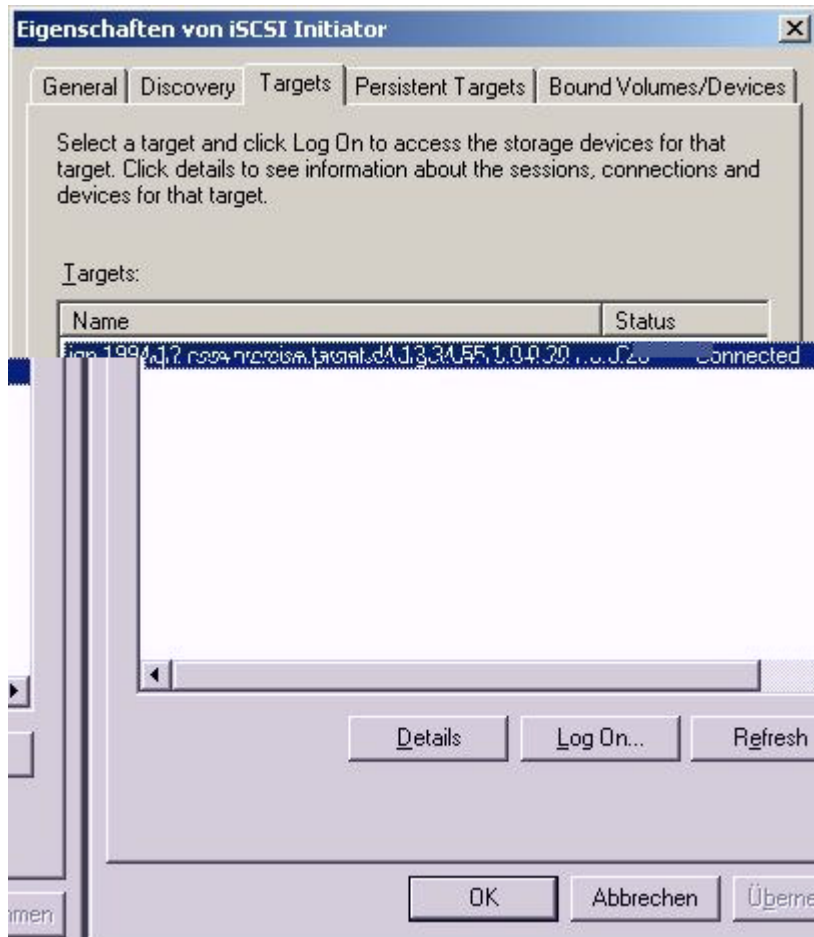


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4. Go to Available Targets tab. The iSCSI node name should appear. It looks like:
iqn.1994-12.com.promise.target.20.00.00.01.55.00.xx.xx.
Highlight this name and click the **Logon** button. Click **OK** on the confirmation
dialog box.



5. Go to Active Sessions tab. The status of selected iSCSI name should display *connected*.
6. Click the **OK** button on iSCSI Initiator Properties dialog box to close it.

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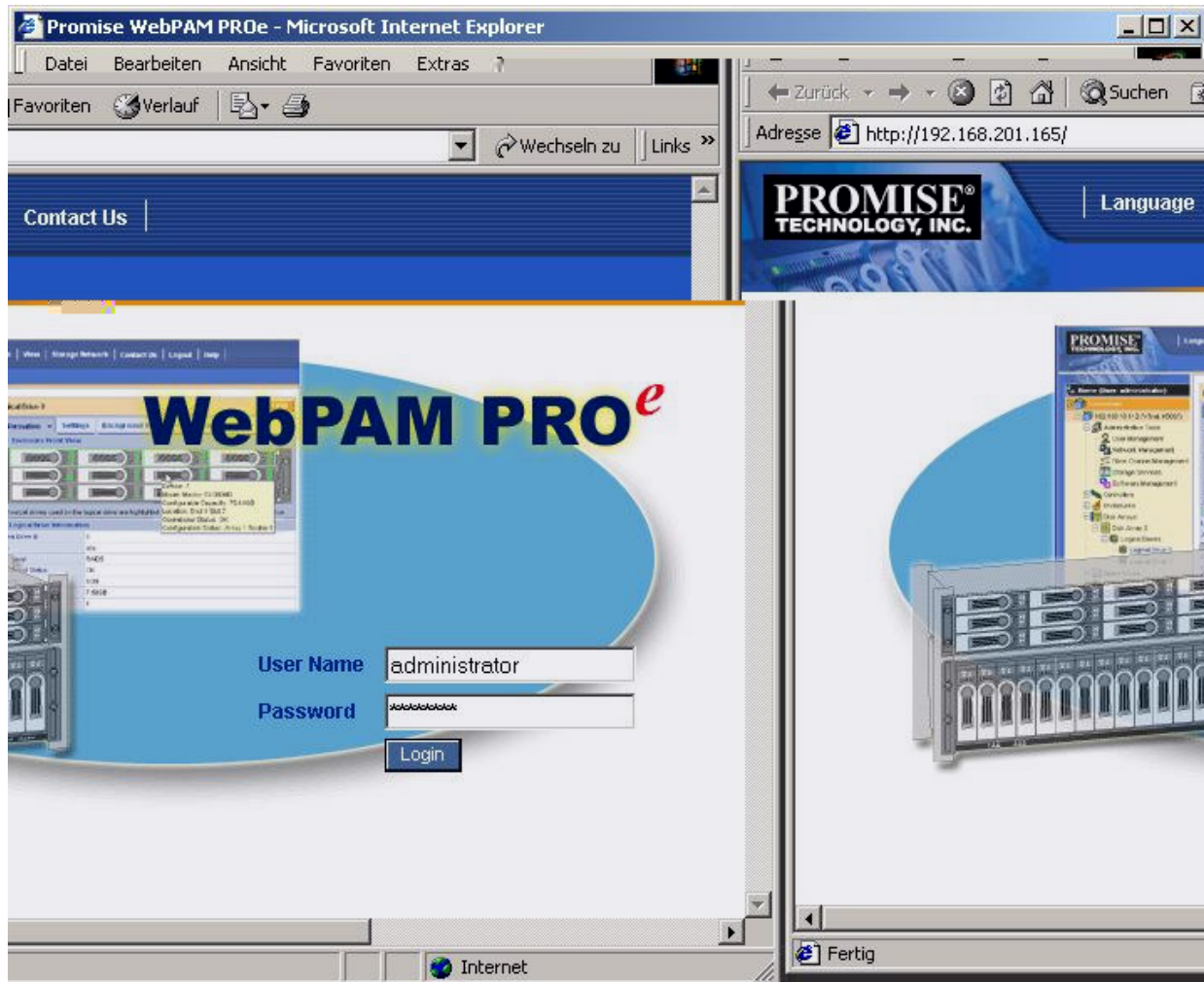
3 Configurartion (Management Port) with software WebPAM PROe

Launch your Browser

WebPAM PROe uses an HTTP connection *http://192.168.2.250*

User Name: **administrator**

Password: **password**

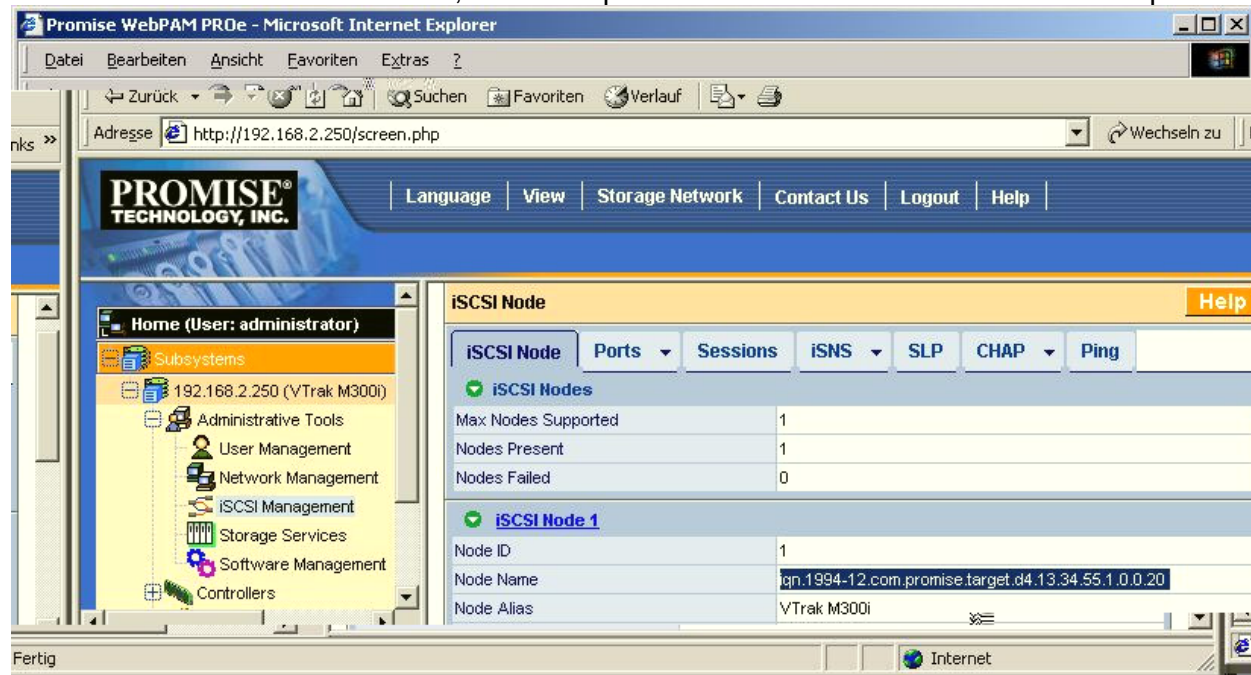


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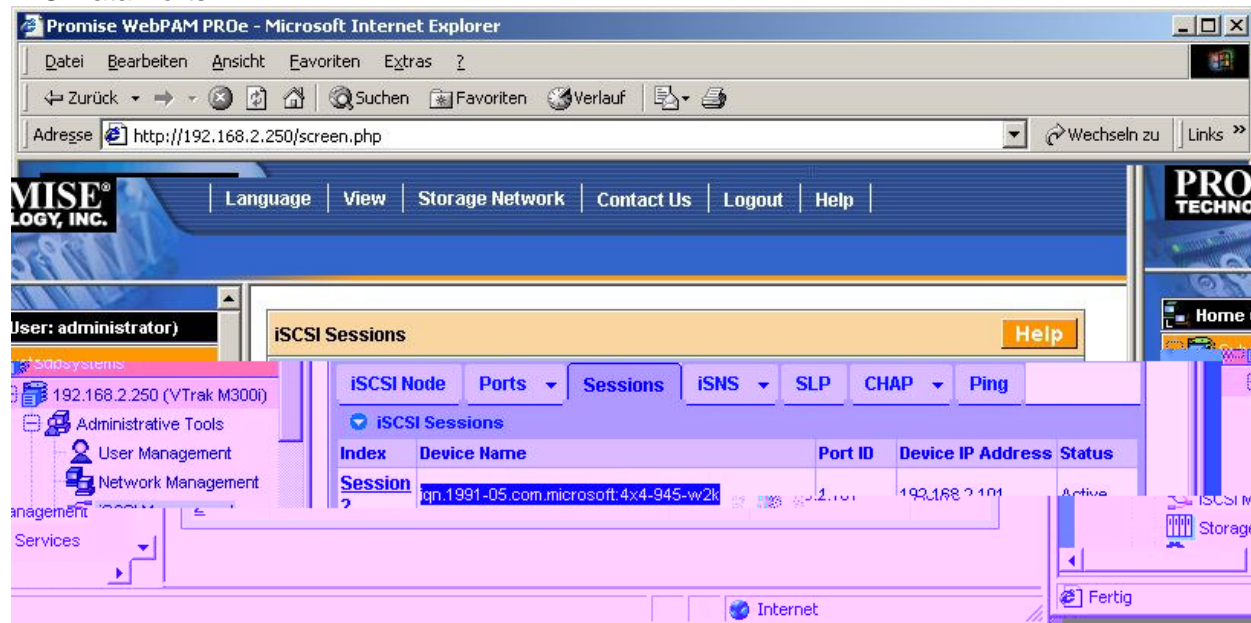
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After the iSCSI Initiator is installed, follow the promise VTrak M300i installation and setup instructions



iSCSI Sessions

The iSCSI Management–Sessions tab lists the current Microsoft iSCSI initiator sessions on the NIC Data Ports.



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Storage Services

Storage Services include managing Initiator and LUN mapping.

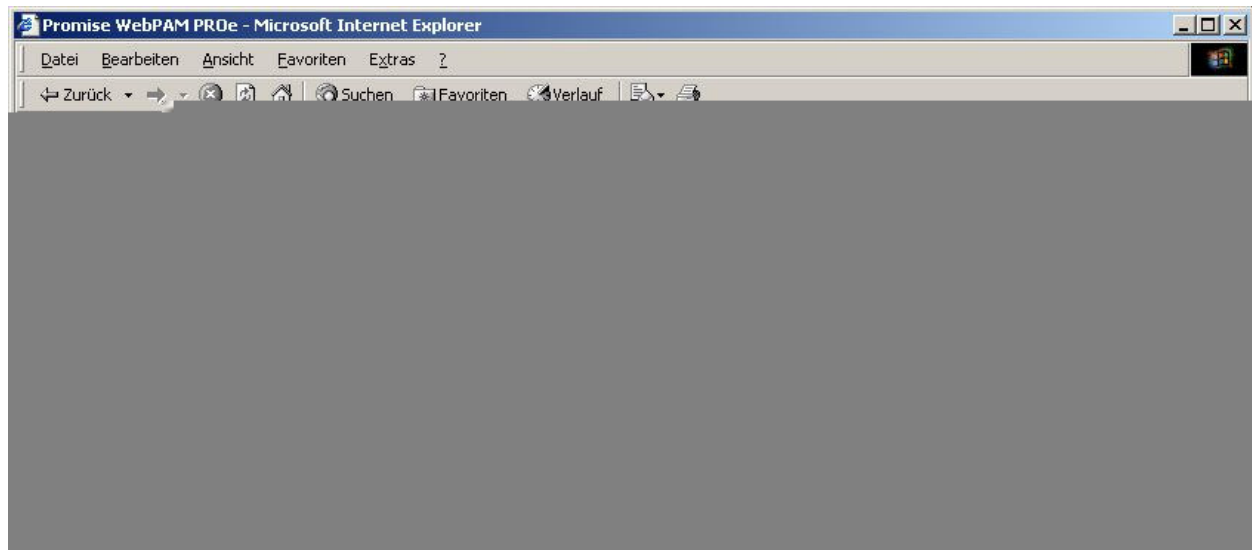
1. select Add Initiator.

1. Enter the initiator's Microsoft node name. in the **Initiator Name** field.

Initiator Node Name: iqn.1991-05.com.microsoft:4x4-945-w2k



Note that this node name must match exactly with the initiator's node name setting from the host side in order for the connection to work.



LUN Map

The Storage Services–LUN Map tab displays a list of initiators recognized by the VTrak controller and their corresponding LUN mapping.

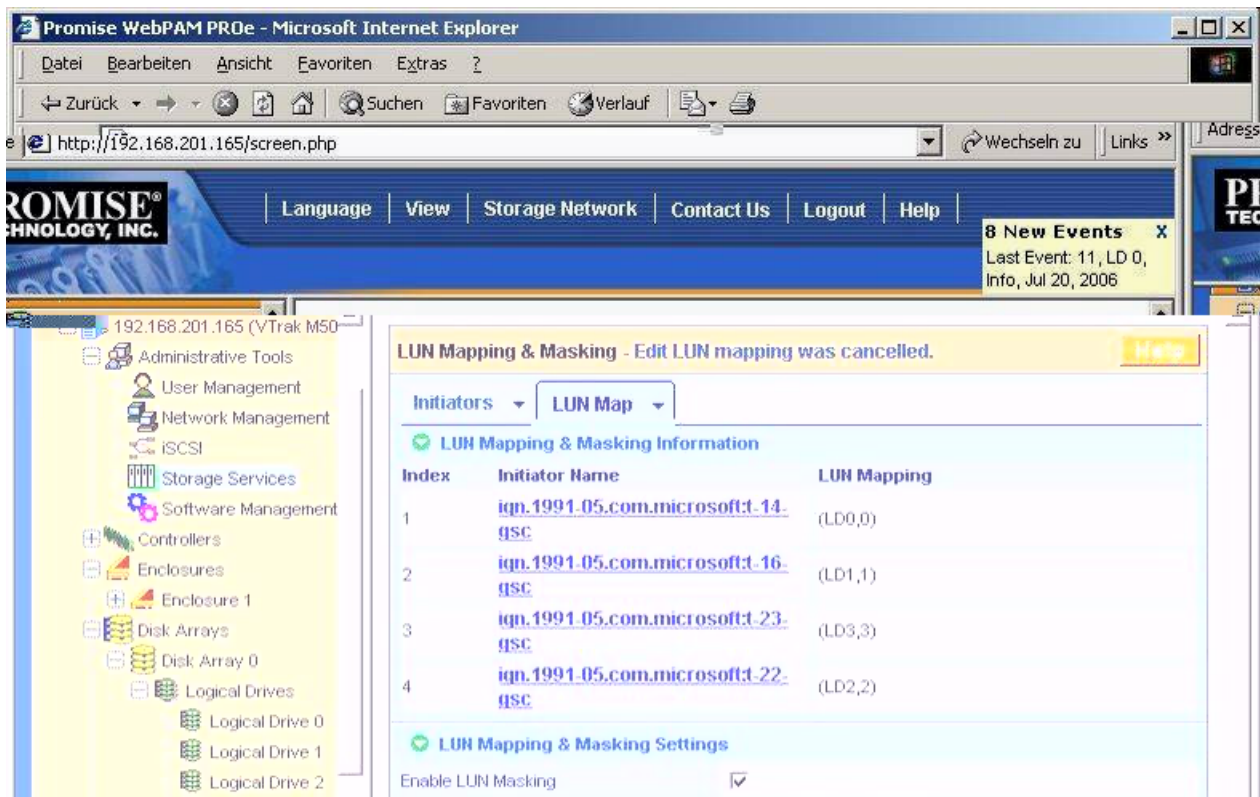
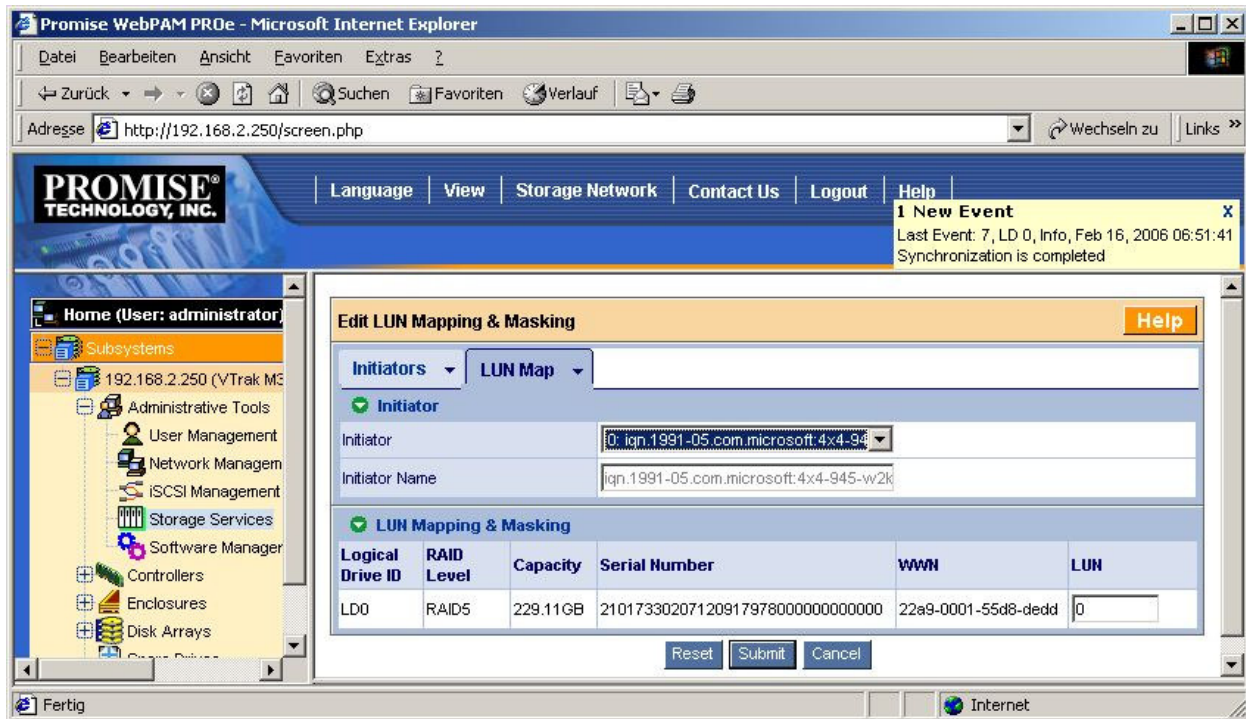
LUN Mapping Parameters

- Initiator – Select Microsoft initiator from this list of initiators recognized by the VTrak controller.
 - Logical Drive ID – This is actually the disk array ID number.
 - RAID Level – RAID Level of the logical drive.
 - Capacity – Capacity of the logical drive.
 - Serial Number – Serial number of the logical drive.
 - WWN – World Wide Number (node name) of the logical drive. Note that iSCSI WWNs are somewhat different from regular WWNs.
 - LUN – Logical Unit Number on this logical drive for the selected initiator.
- You must enter different LUN numbers for each logical drive.

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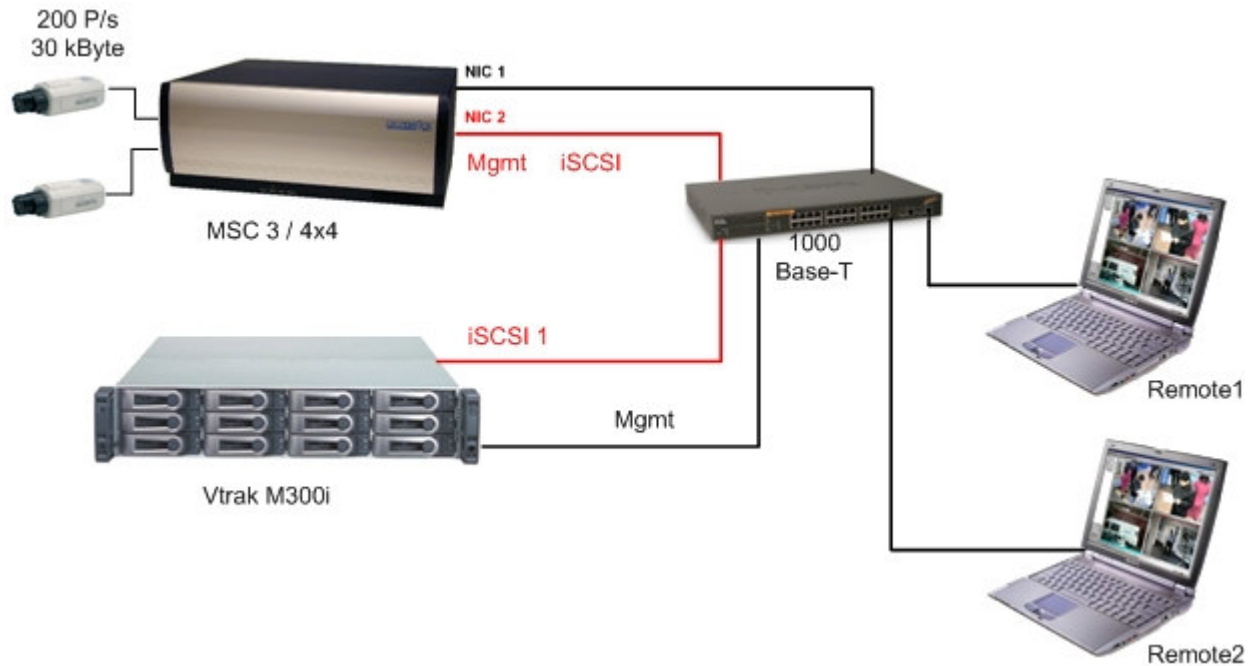
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4 MultiScope III



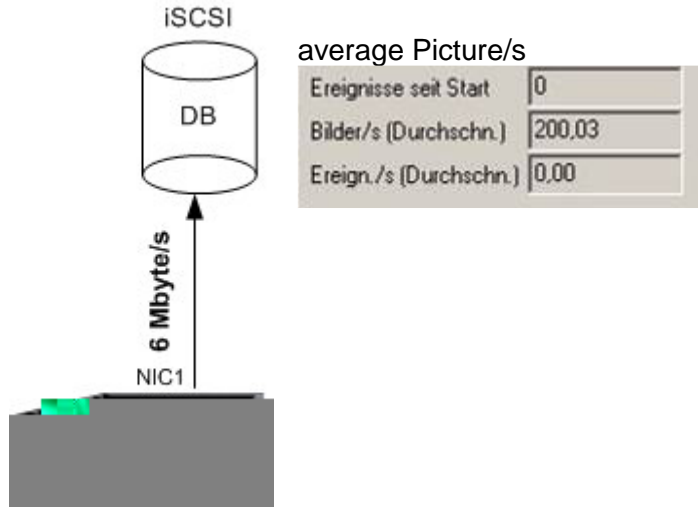
MultiScope III is not allowed with one Network Connection

MultiScope III 3 / 4x4 permanent 200 P/s 30 kByte/s > 6 MByte/s

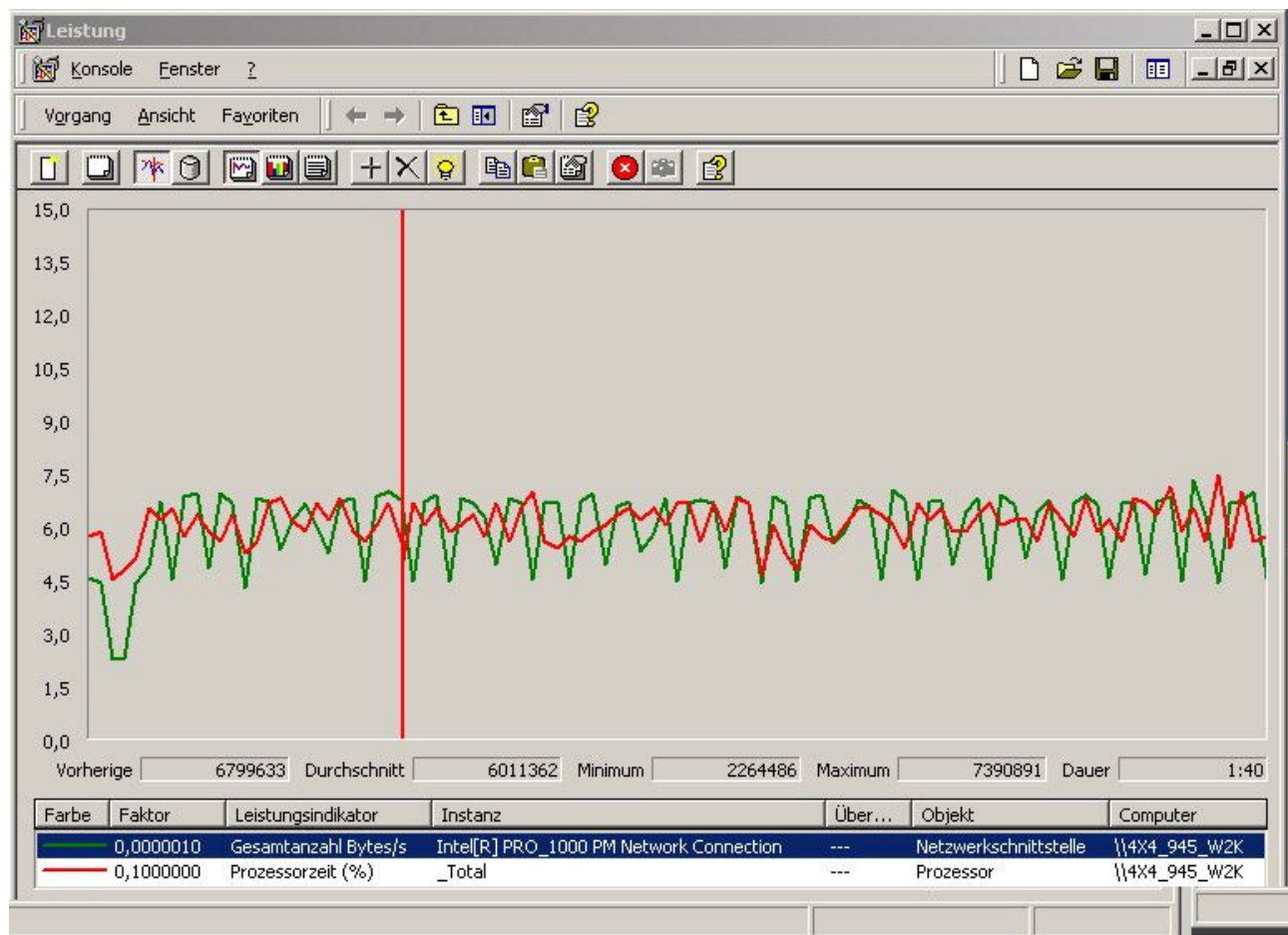


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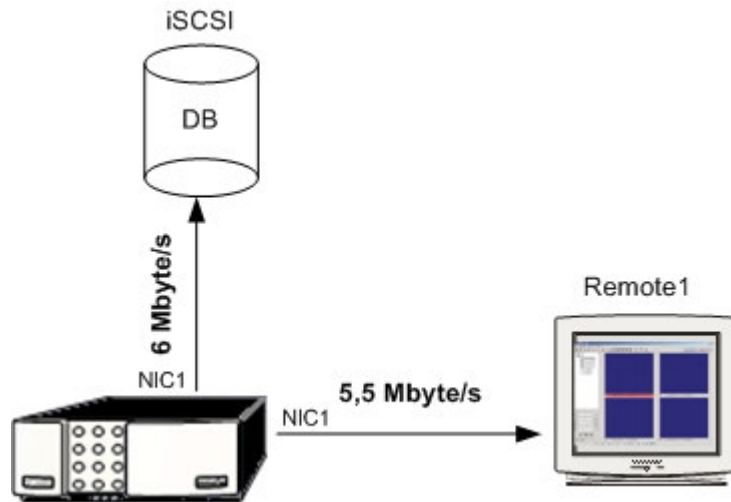


MSC3 Network Connection average 6,01 MByte/s
CPU average 60,84 %



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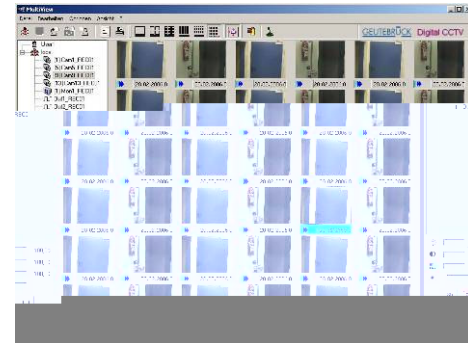
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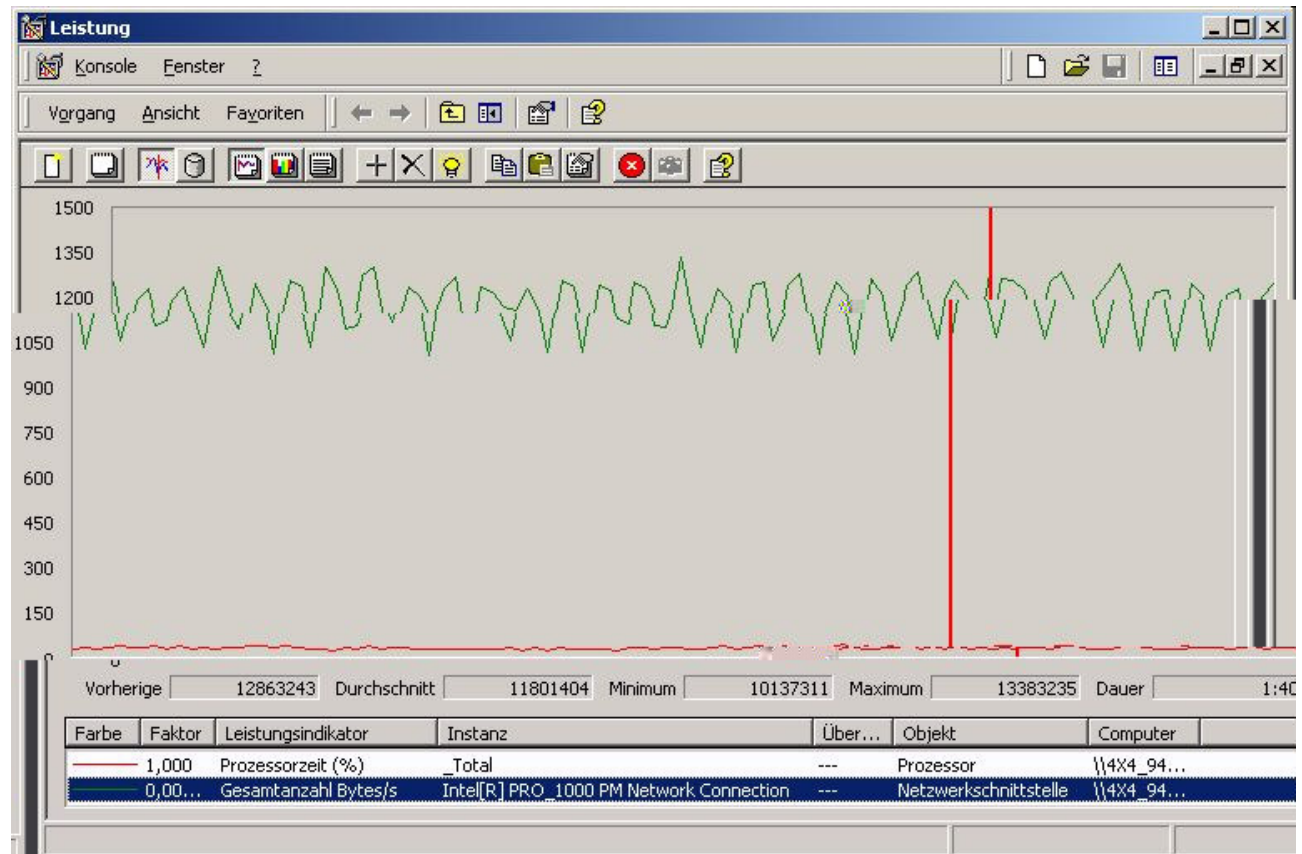
average Picture/s

Ereignisse seit Start	0
Bilder/s (Durchschn.)	198,86
Ereign./s (Durchschn.)	0,00

Open Remote 1 Multiview establish
MSC3 connection
Set Viewer to 36 camera views



MSC3 Network Connection 1 average 11,8 MByte/s

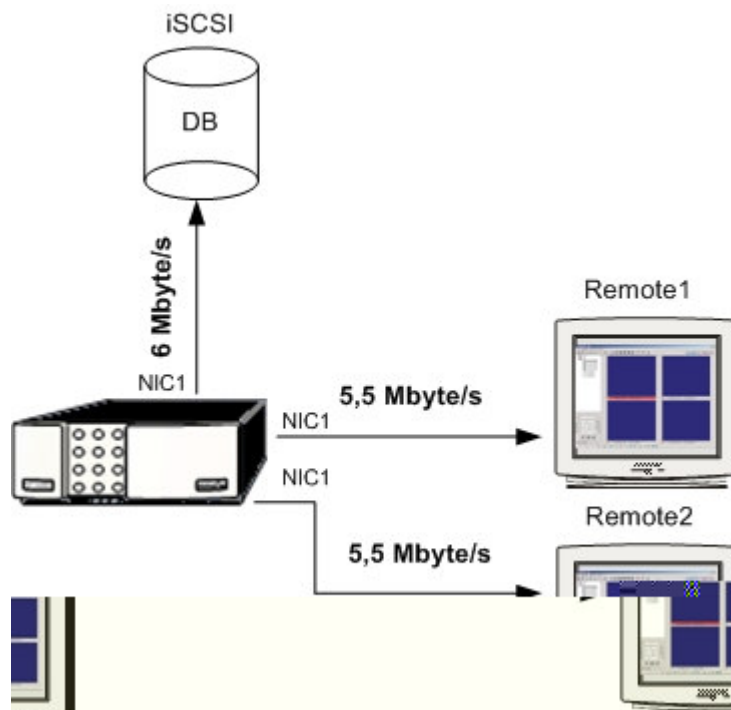
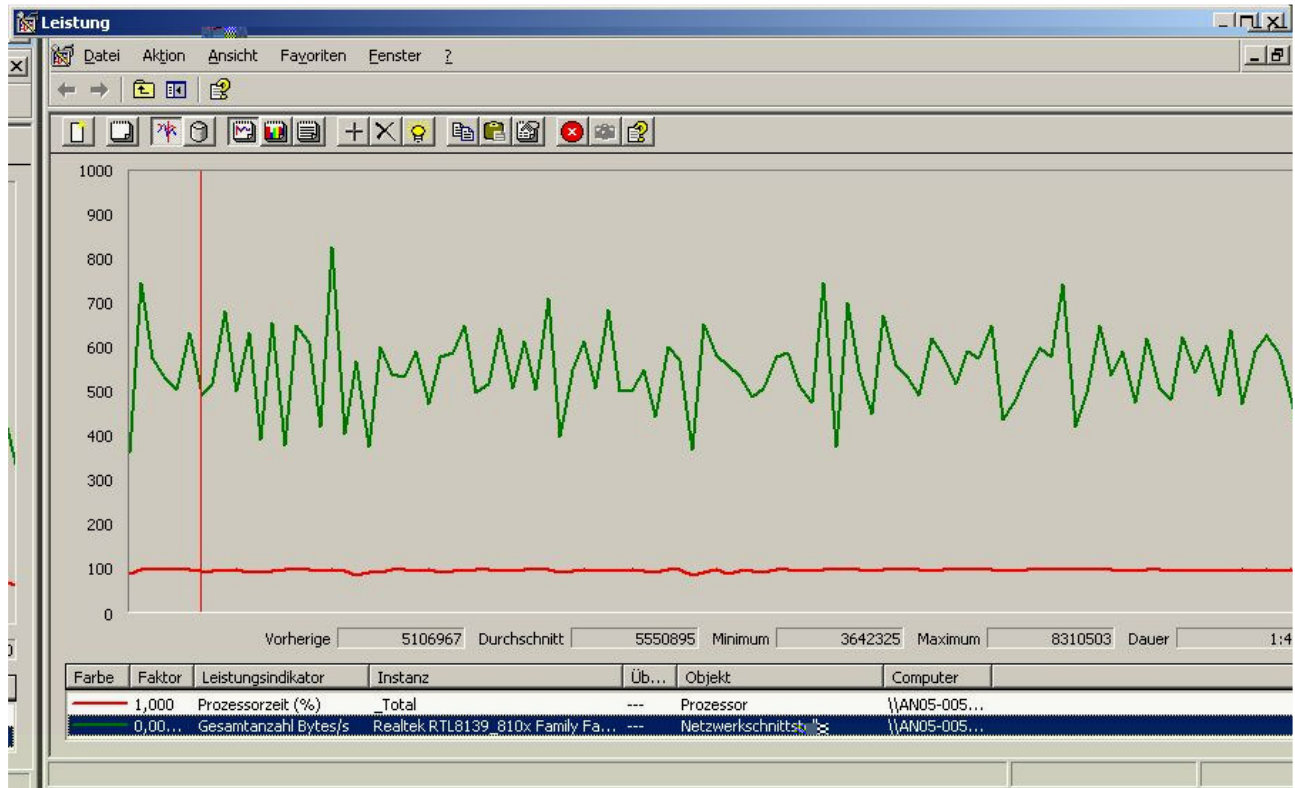


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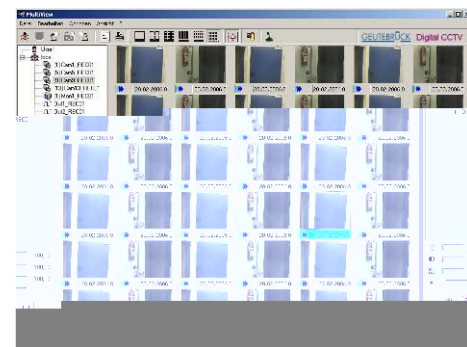
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Remote 1 Network Connection average 5,5 MByte/s



Open Remote 1 Multiview establish
MSC3 connection
Set Viewer to 36 camera views



Open Remote 2 Multiview establish
MSC3 connection
Set Viewer to 36 camera views

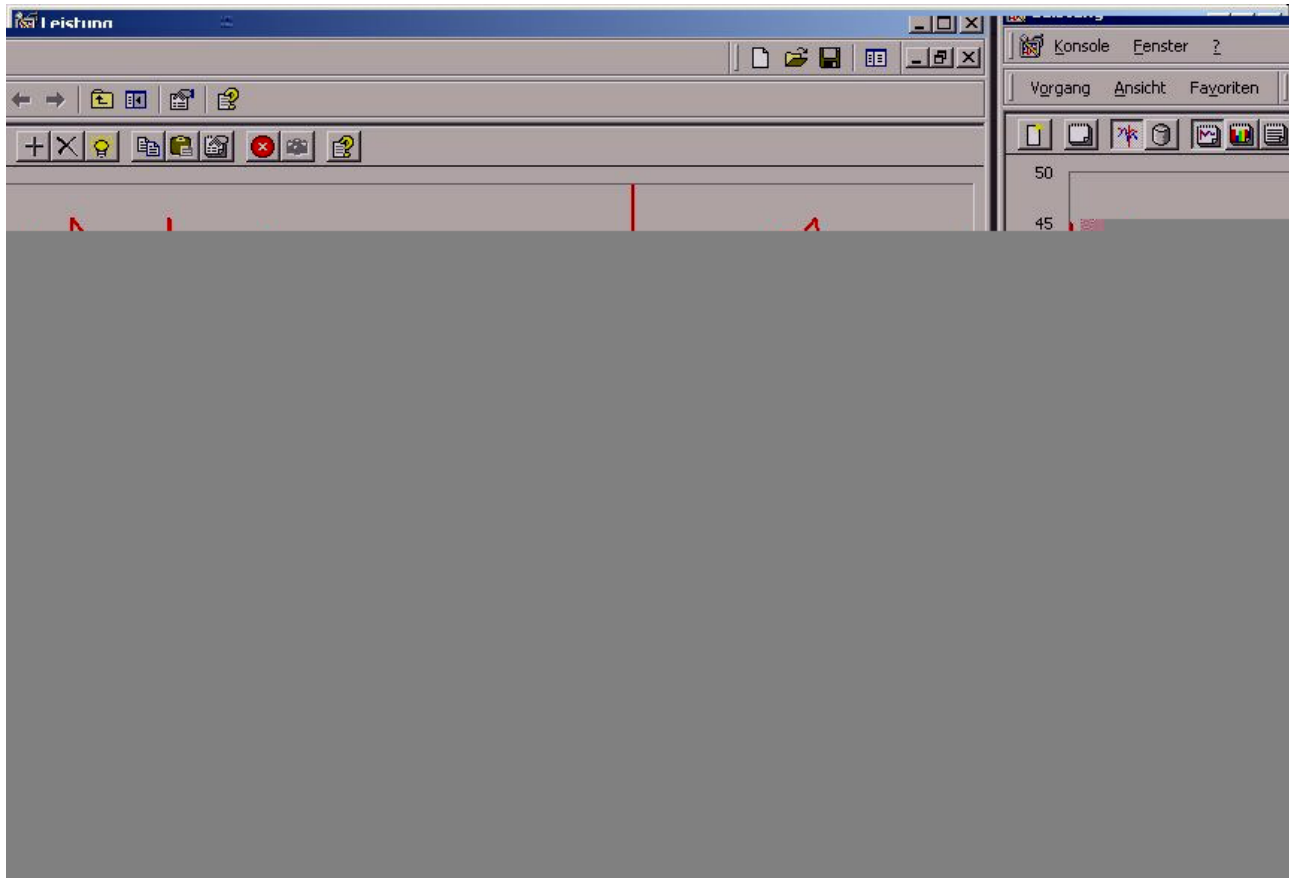
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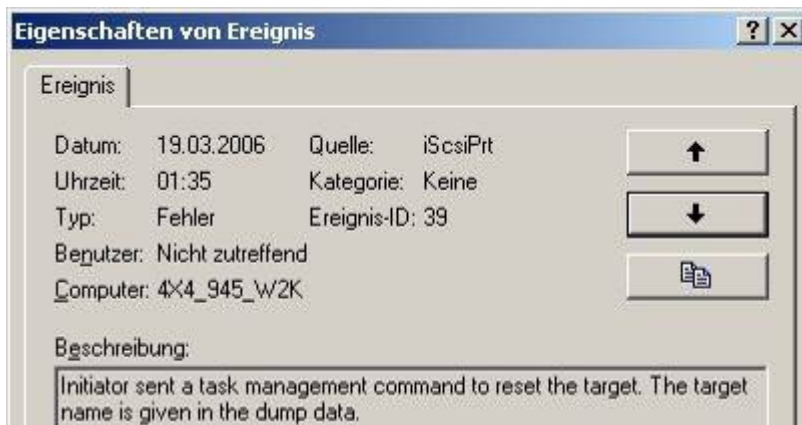


MultiScope III is not allowed with one Network Connection



As soon as established the second remote connection to the Multiscope server network crashed

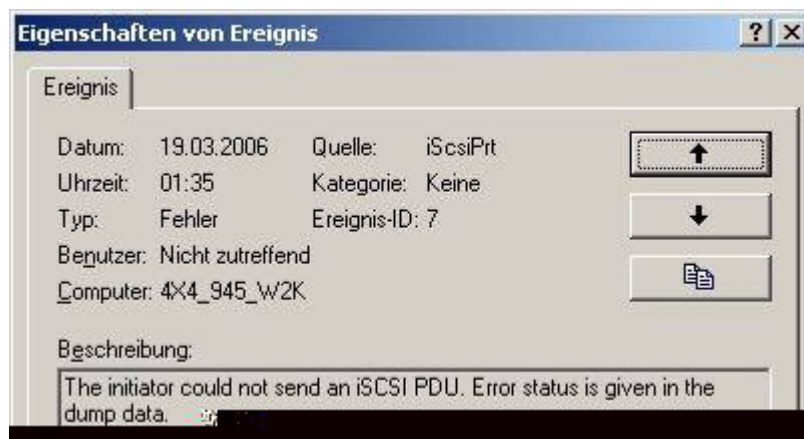
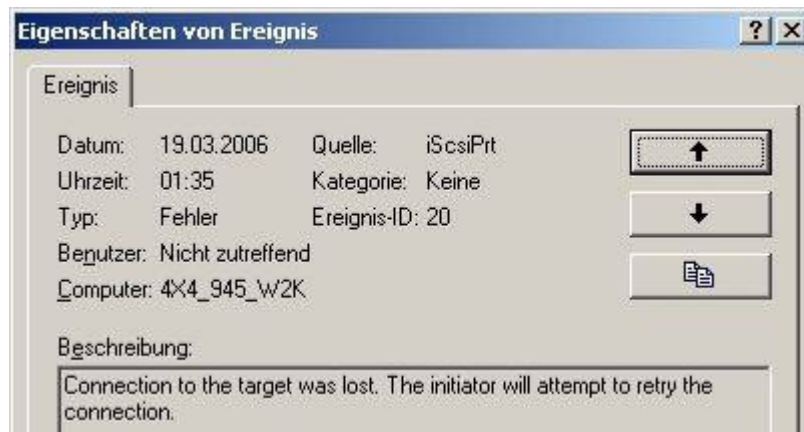
The following eventlogs tells us that there is a kind of timeout and a lot of collisions.



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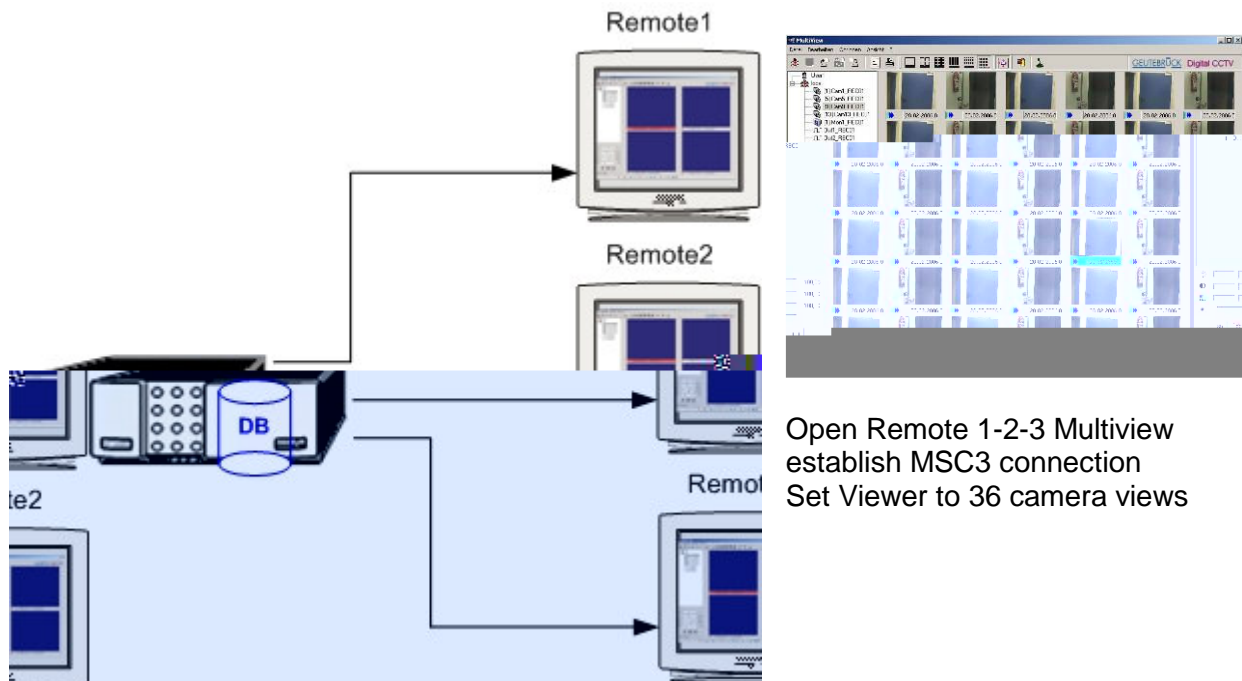
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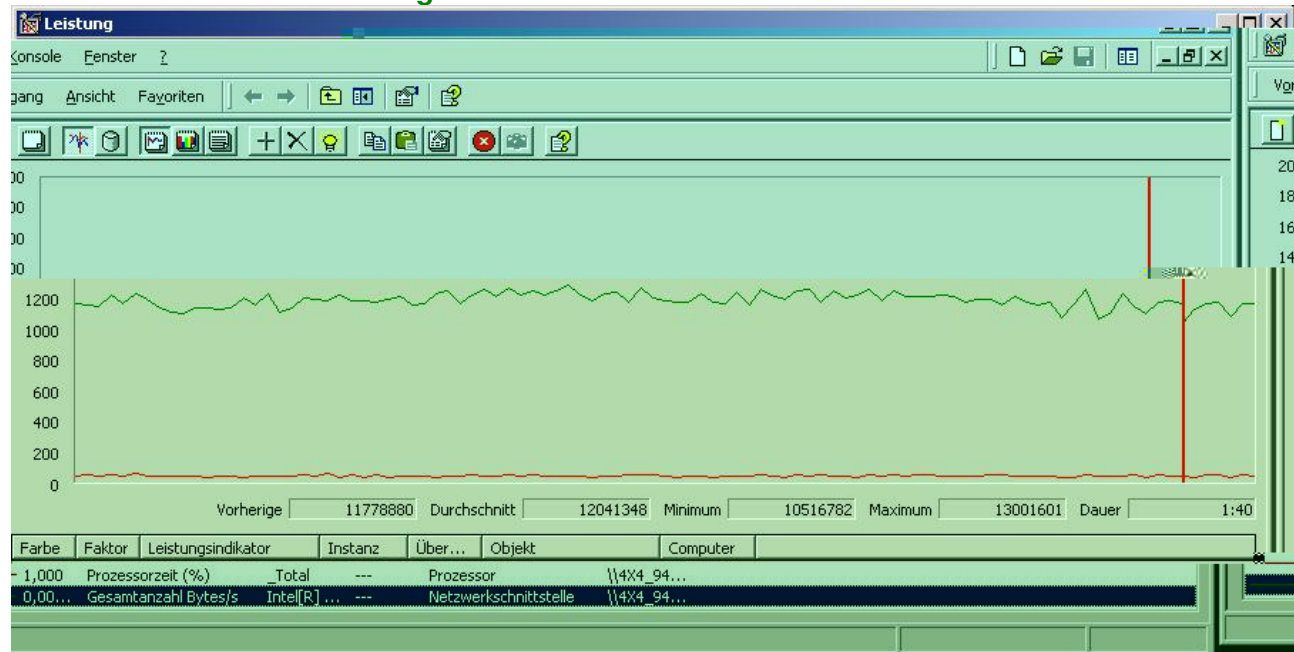
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MSC3 > local Database average Network Connection O.K.



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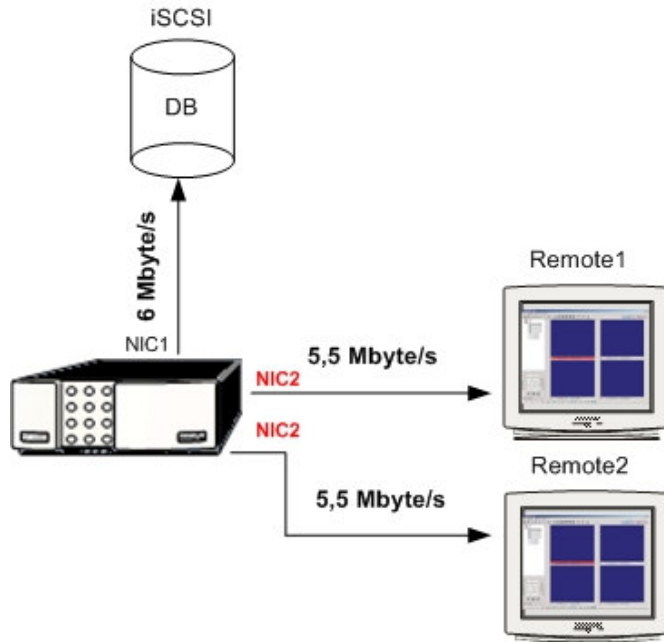
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MultiScope III > multiple Network Interface Cards (NICs).

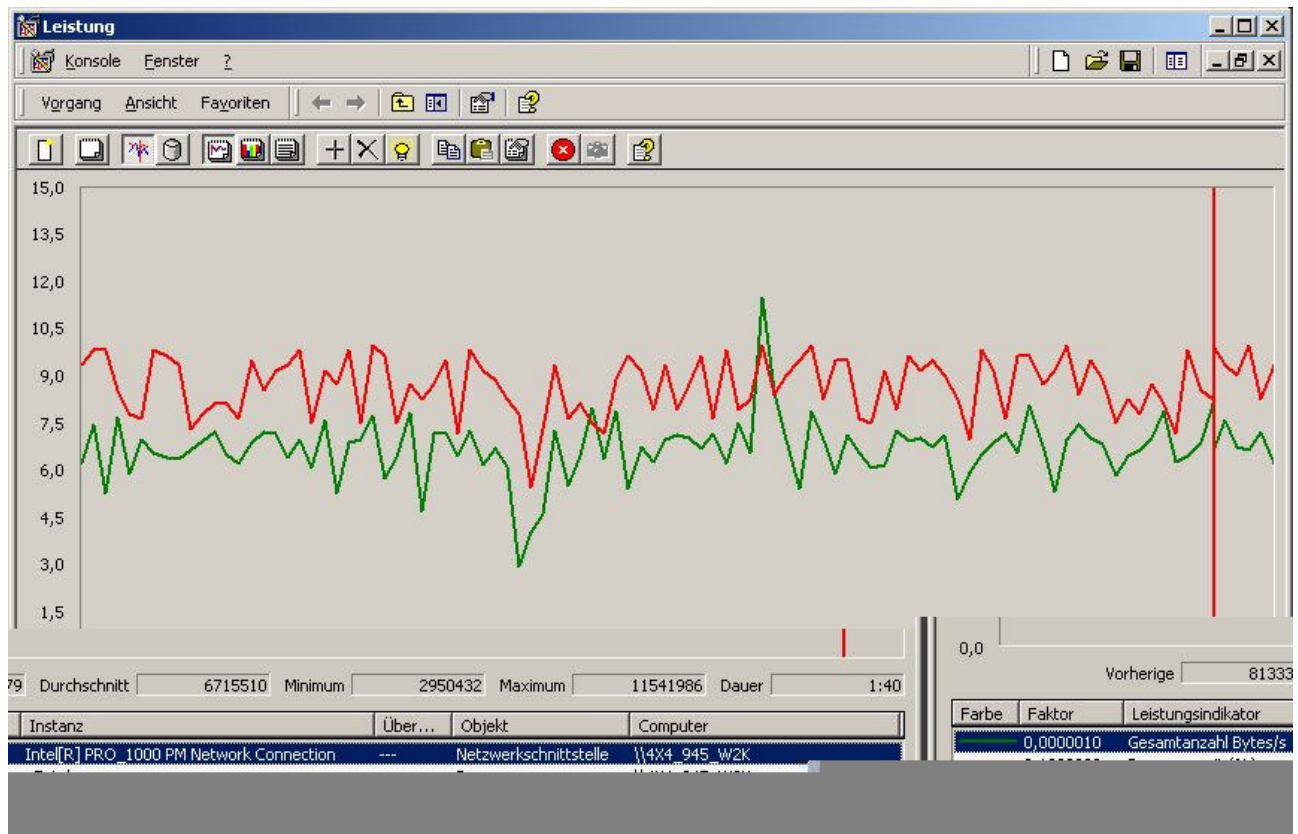
Intel 1 GBit Network Interface Cards (NIC 1) connection with iSCSI
 USB 100 MBit Network Interface Cards (NIC 2) connection with Remote 1-2



MSC3

Network Connection 1 average 6,71 MByte/s

CPU average 86,7 %



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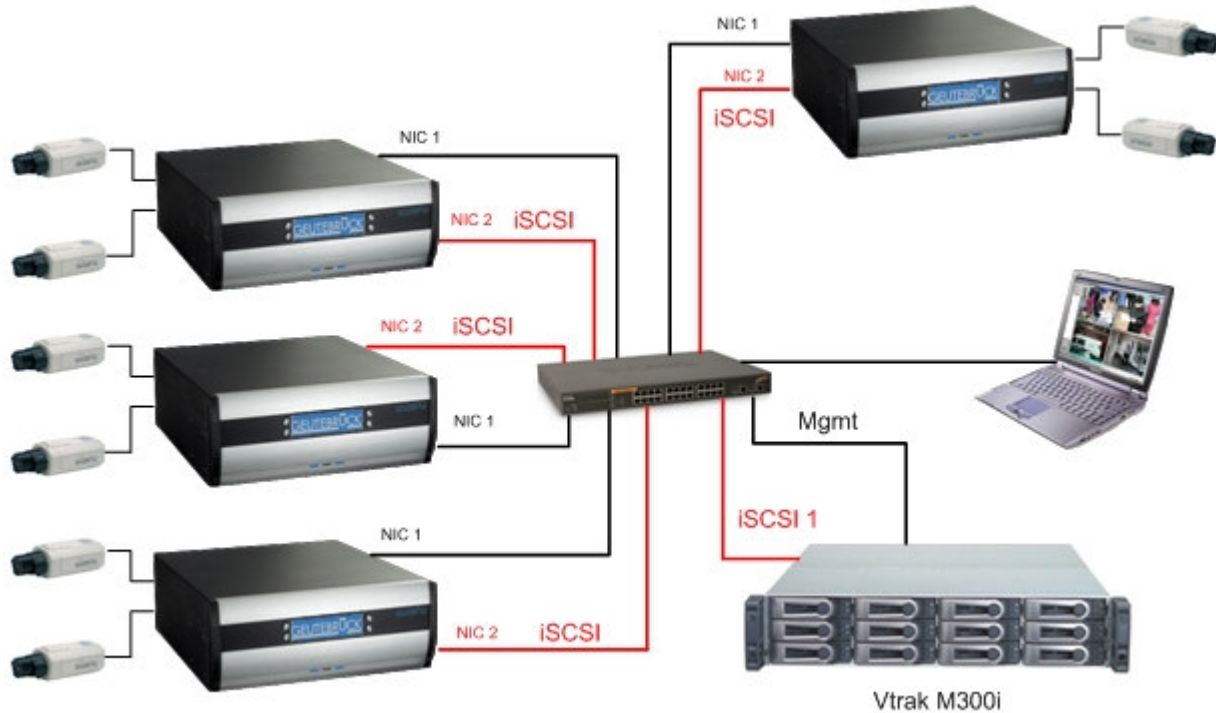
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5 GeViScope



GeviScope is not allowed with one Network Connection

You must create two different Disk Array's with each two Logical Drive's



iSCSI host interface 1 GBit Ethernet

GeviScope 1	permanent 400 P/s	16,5 MByte/s (without Overhead)
GeviScope 2	permanent 350 P/s	15,5 MByte/s (without Overhead)
GeviScope 3	permanent 350 P/s	15 MByte/s (without Overhead)
GeviScope 4	permanent 400 P/s	16,5 MByte/s (without Overhead)

iSCSI Storage Disk Write Performance permanent 1600 P/s 64 MByte/s

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5.1 Disk Array 0, Disk Array 1



It is not allowed only one Disk Array 0

- collision detected,
- performance decrease (GeviSCOPE Server Picture/s)



**Create Disk Array 0 Logical Drive 0, Logical Drive 1
Disk Array 1 Logical Drive 2, Logical Drive 3**

Promise WebPAM PROe - Microsoft Internet Explorer

Adresse: <https://192.168.201.165/screen.php>

PROMISE TECHNOLOGY, INC. | Language | View | Storage Network | Contact Us | Logout | Help

Home (User: administrator)

Subsystems

- 192.168.201.165 (VTrak M500i)
 - Administrative Tools
 - Controllers
 - Enclosures
 - Disk Arrays
 - Disk Array 0
 - Logical Drives
 - Logical Drive 0
 - Logical Drive 1
 - Disk Array 1
 - Logical Drives
 - Logical Drive 2
 - Logical Drive 3
 - Spare Drives
 - Logical Drive Summary
 - Logical Drive 0
 - Logical Drive 1
 - Logical Drive 2
 - Logical Drive 3

Disk Array Information

Disk Array ID	0
Alias	DA0
Operational Status	OK
Total Physical Capacity	2.73TB
Configurable Capacity	2.73TB
Free Capacity	22.34GB
Max Contiguous Free Capacity	22.34GB
Media Patrol	Enabled
PDM	Enabled
Number of Physical Drives	4
Number of Logical Drives	2
Available RAID Levels	0 5 10 1E

Physical Drives in the Disk Array

Device	Model	Type	Configurable Capacity	Status
PD1	ST3750640AS	SATA	698.49GB	OK
PD2	ST3750640AS	SATA	698.49GB	OK
PD3	ST3750640AS	SATA	698.49GB	OK
PD4	ST3750640AS	SATA	698.49GB	OK

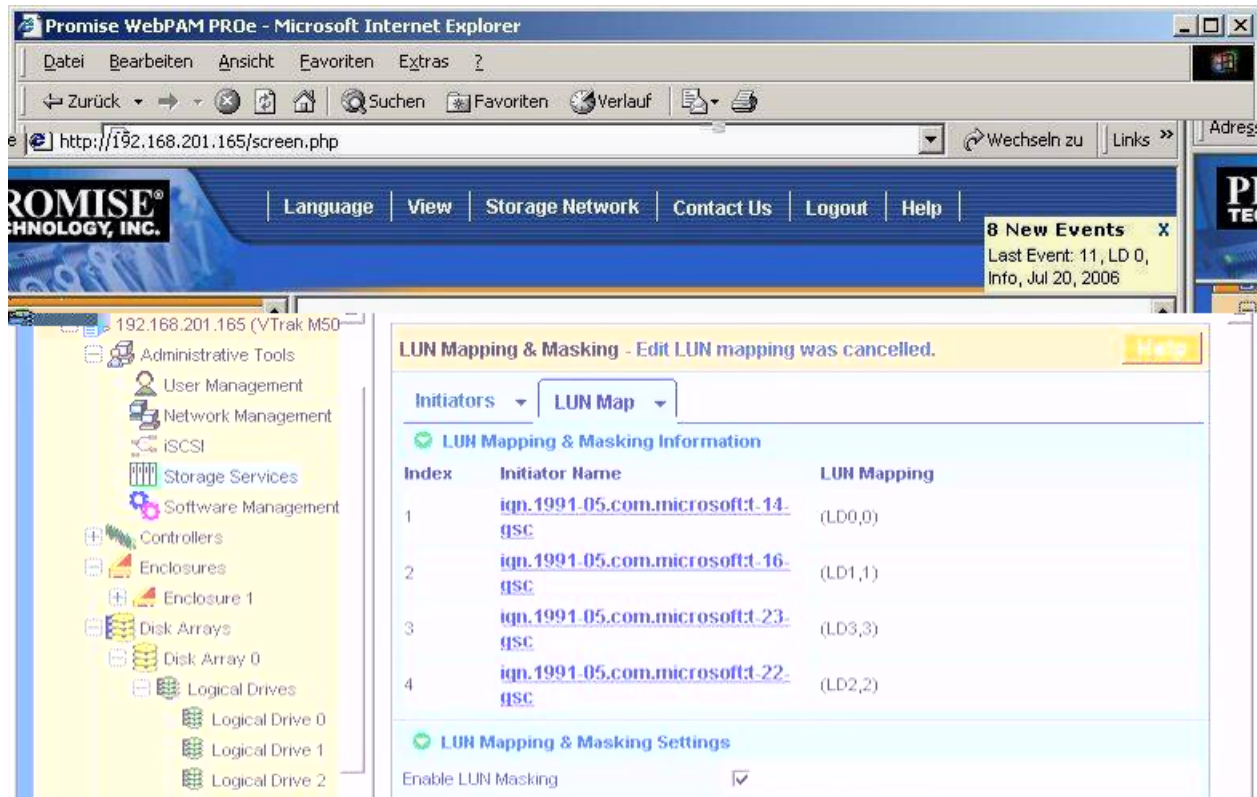
Logical Drives in the Disk Array

Device	Alias	RAID Level	Capacity	Status
LD0	LD0	RAID5	1.02TB	Synchronizing
LD1	LD1	RAID5	1.01TB	OK

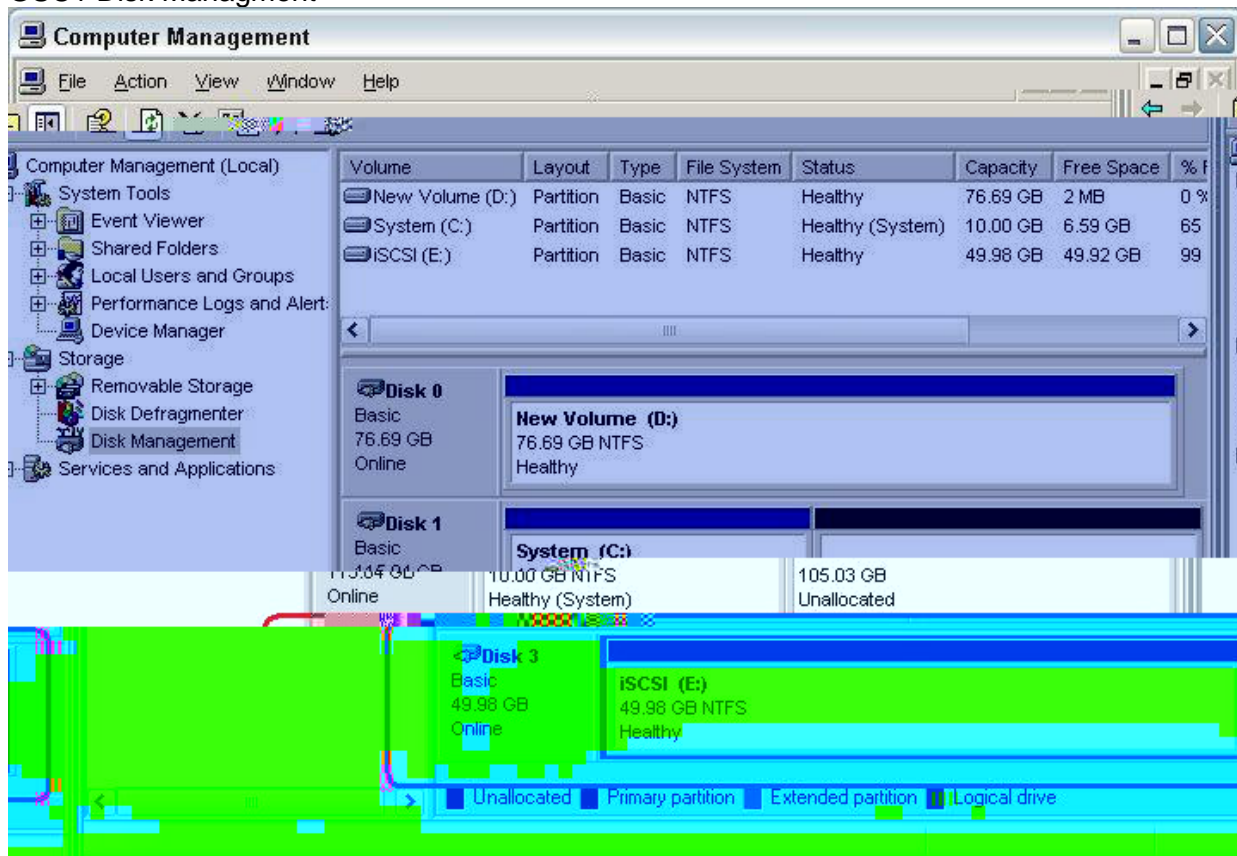
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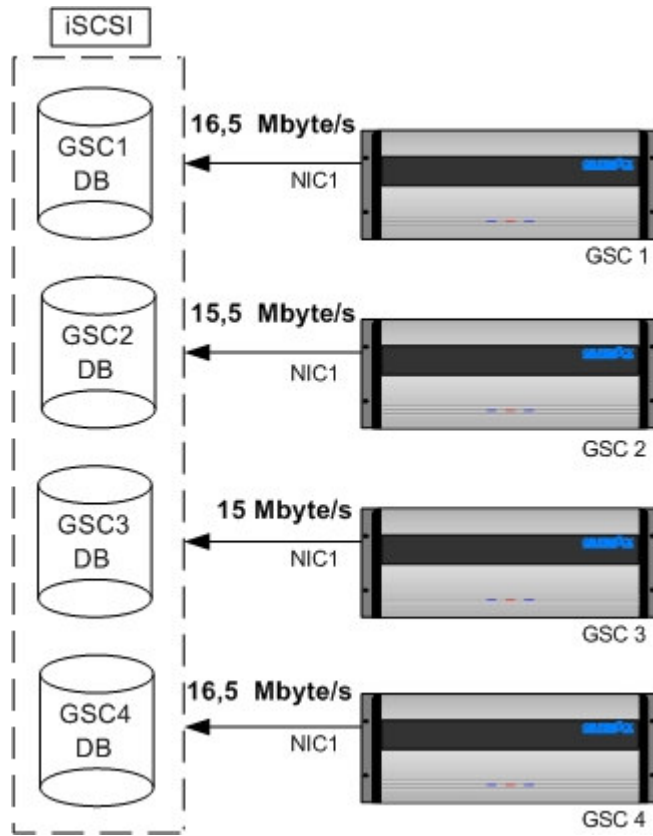
GSC1 Disk Management



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5.2 VTRak iSCSI host interface 1 GBit Ethernet



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GeviScope 1 permanent 400 P/s 14 MByte/s (without Overhead)

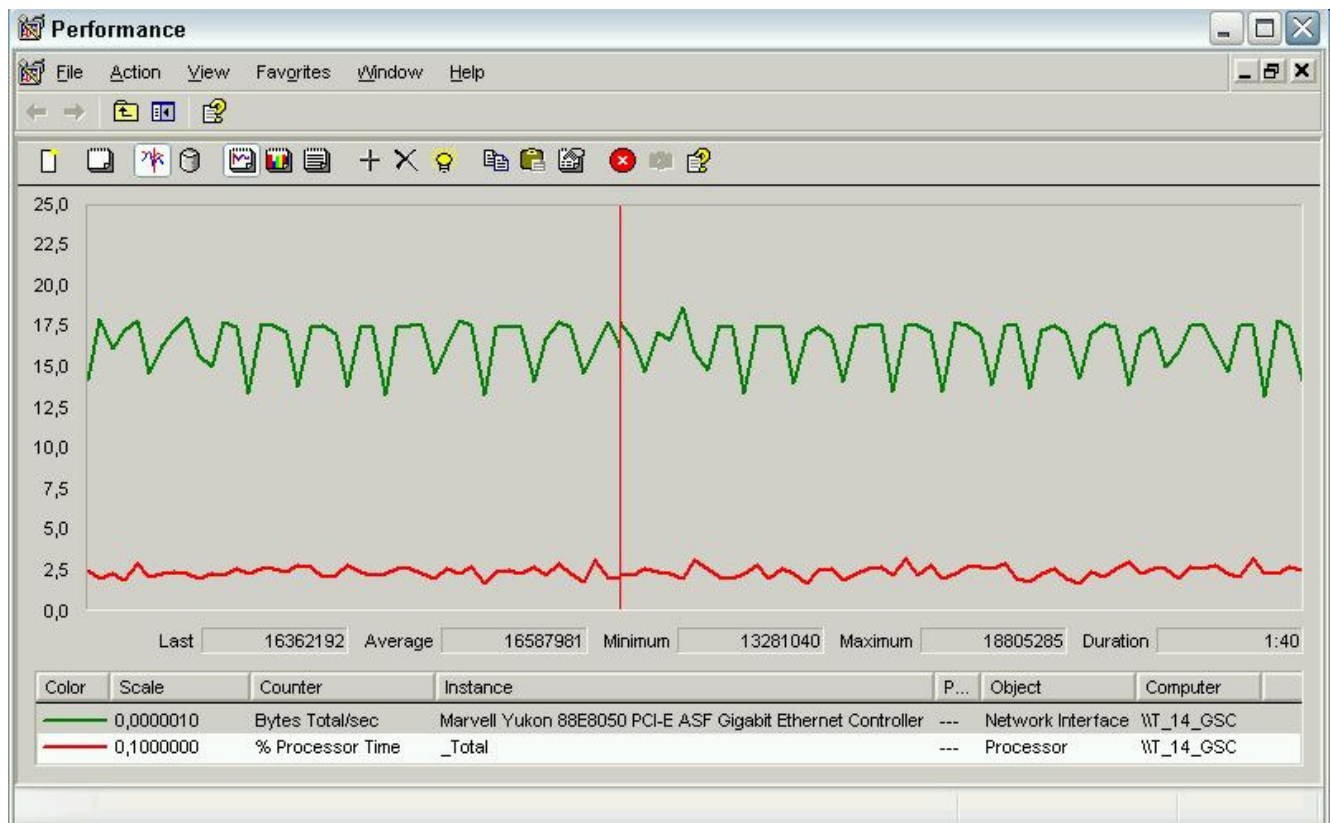
```

C:\ Command Prompt - gscserver console
DEBUG [DBE,10121] 399.001 Video/s <12.9627 MB/s> - 0 Audio/s <0 MB/s> - Wait
e-008 ms
Free=18041 Ring0=249056 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Rin
DEBUG [DBE,10121] 400.044 Video/s <13.9177 MB/s> - 0 Audio/s <0 MB/s> - Wait
e-008 ms
Free=17928 Ring0=249169 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Rin
DEBUG [DBE,10121] 400.394 Video/s <14.0045 MB/s> - 0 Audio/s <0 MB/s> - Wait
e-008 ms
Free=17816 Ring0=249281 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 R
in
DEBUG [DBE,10121] 399.611 Video/s <13.9355 MB/s> - 0 Audio/s <0 MB/s> - Wa
it
0113354 ms
Free=17704 Ring0=249393 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 R
in

```

GSC1

Network Connection 1 average 16,58 MByte/s



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GeviScope 2 permanent 400 P/s 13 MByte/s (without Overhead)

```

C:\ Command Prompt - gscserver console
DEBUG [DBE,27041] 394.491 Video/s <12.8907 MB/s> - 0 Audio/s <0 MB/s> - Wa
0186945 ms
Free=0 Ring0=264478 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7
DEBUG [DBE,27041] 396.466 Video/s <12.9551 MB/s> - 0 Audio/s <0 MB/s> - Wa
e-008 ms
Free=0 Ring0=264478 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7
DEBUG [DBE,27041] 395.929 Video/s <13.0553 MB/s> - 0 Audio/s <0 MB/s> - Wa
e-008 ms
Free=0 Ring0=264478 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7
DEBUG [DBE,27041] 393.829 Video/s <12.9734 MB/s> - 0 Audio/s <0 MB/s> - Wa
e-008 ms
Free=0 Ring0=264478 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7

```

GSC2

Network Connection 1 average 15,46 MByte/s

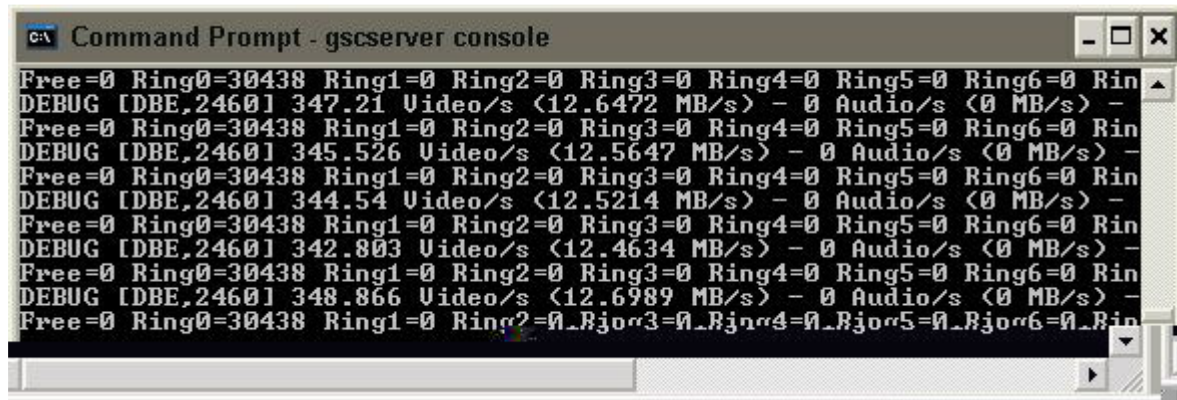


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GeviScope 3 permanent 350 P/s 12,7 MByte/s (without Overhead)



```
Free=0 Ring0=30438 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Rin
DEBUG [DBE,24601 347.21 Video/s <12.6472 MB/s> - 0 Audio/s <0 MB/s> -
Free=0 Ring0=30438 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Rin
DEBUG [DBE,24601 345.526 Video/s <12.5647 MB/s> - 0 Audio/s <0 MB/s> -
Free=0 Ring0=30438 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Rin
DEBUG [DBE,24601 344.54 Video/s <12.5214 MB/s> - 0 Audio/s <0 MB/s> -
Free=0 Ring0=30438 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Rin
DEBUG [DBE,24601 342.803 Video/s <12.4634 MB/s> - 0 Audio/s <0 MB/s> -
Free=0 Ring0=30438 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Rin
DEBUG [DBE,24601 348.866 Video/s <12.6989 MB/s> - 0 Audio/s <0 MB/s> -
Free=0 Ring0=30438 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Rin
```

GSC3

Network Connection 1 average 14,98 MByte/s



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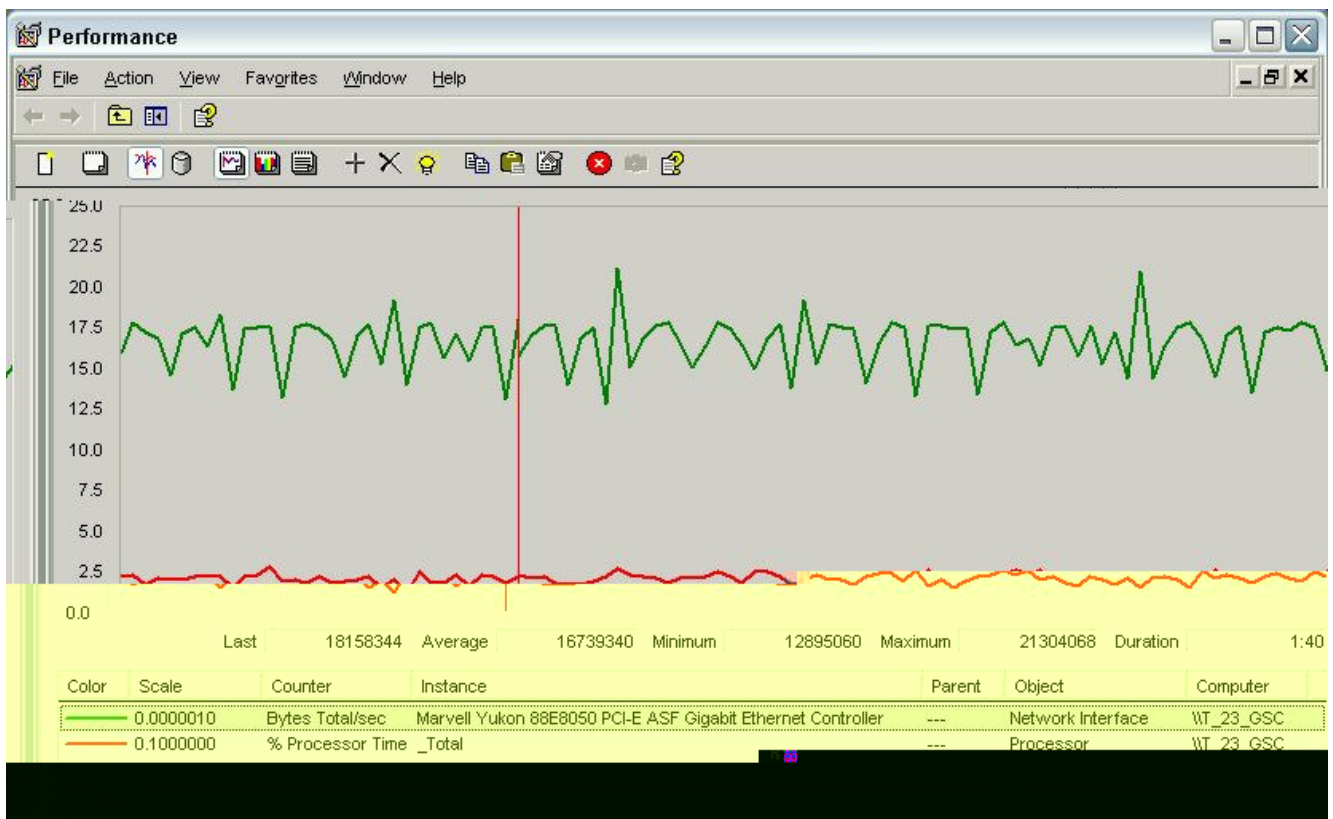
GeviScope 4 permanent 350 P/s 11,37 MByte/s (without Overhead)

```

C:\ Command Prompt - gscserver console
DEBUG [DBE,1596] 350.383 Video/s <11.3666 MB/s> - 0 Audio/s <0 MB/s> -
553e-005 ms
Free=0 Ring0=28112 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring
DEBUG [DBE,1596] 349.755 Video/s <11.3565 MB/s> - 0 Audio/s <0 MB/s> -
0123456 ms
Free=0 Ring0=28112 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring
DEBUG [DBE,1596] 350.223 Video/s <11.3687 MB/s> - 0 Audio/s <0 MB/s> -
529e-005 ms
Free=0 Ring0=28112 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring
DEBUG [DBE,1596] 350.563 Video/s <11.3752 MB/s> - 0 Audio/s <0 MB/s> -
717e-005 ms
Free=0 Ring0=28112 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring
  
```

GSC4

Network Connection 1 average 16,73 MByte/s



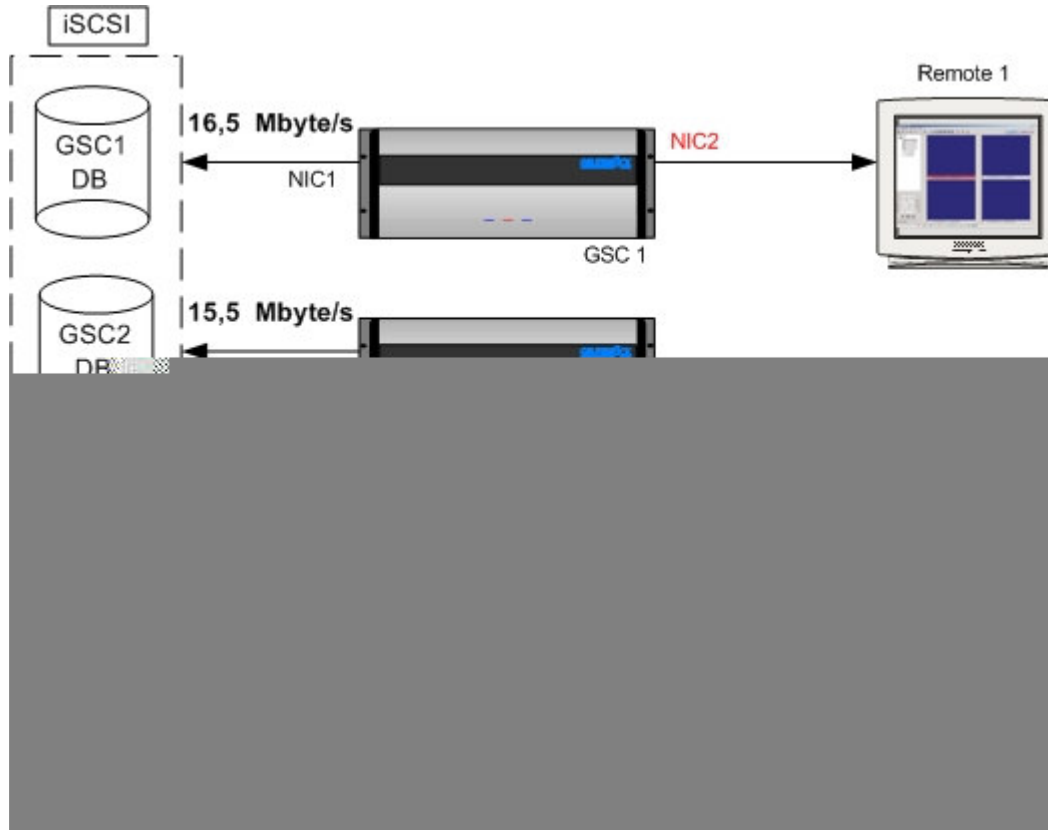
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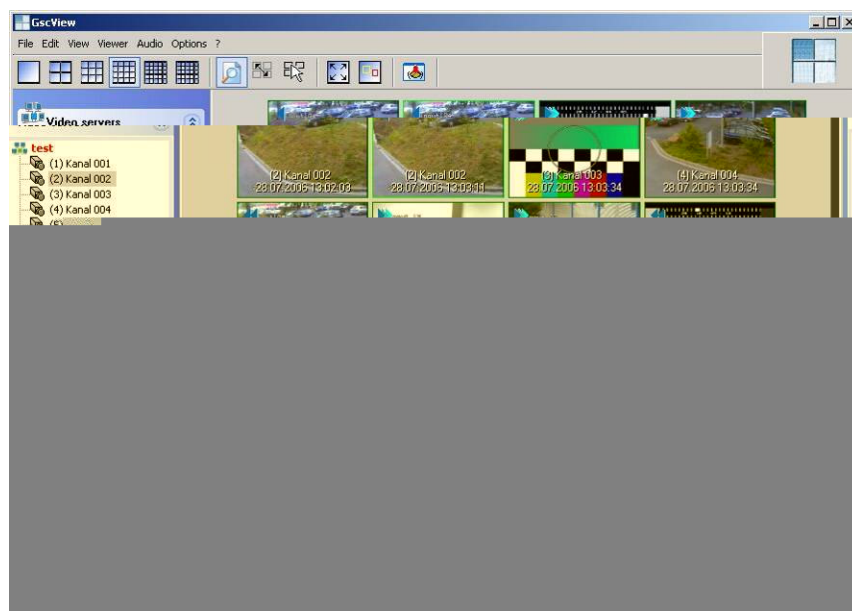
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5.3 GSC1 multiple Network Interface Cards (NICs)

Intel 1 GBit Network Interface Cards (NIC 1) connection with iSCSI
Intel 1 GBit Network Interface Cards (NIC 2) connection with Remote 11



Open Remote 1 GSC View establish GSC 1 connection
Set Viewer to 16 camera views



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NIC 1

GeviScope 1 permanent 400 P/s 13,83 MByte/s (without Overhead)

```

C:\ Command Prompt - gscserver console
INFO [LiveStream,1300] Audio packets: 0 AudioData: 0 Byte/s
INFO [LiveStream,1300] Report packets: 123.164 ReportData: 14779.6 Byte/s
INFO [LiveStream,1300] -----
INFO [LiveStream,1300] TOTAL SEND:
INFO [LiveStream,1300] Video packets: 62.4984 VideoData: 2.1584e+006 B
yte/s Discarded: 0
INFO [LiveStream,1300] Audio packets: 0 AudioData: 0 Byte/s
INFO [LiveStream,1300] Report packets: 0 ReportData: 0 Byte/s
INFO [LiveStream,1300] -----
DEBUG [DBE,200] 406.607 Video/s <13.8375 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.000
874406 ms
Free=5290 Ring0=21404 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
  
```

GSC1

Network Connection 1 average 23,73 MByte/s



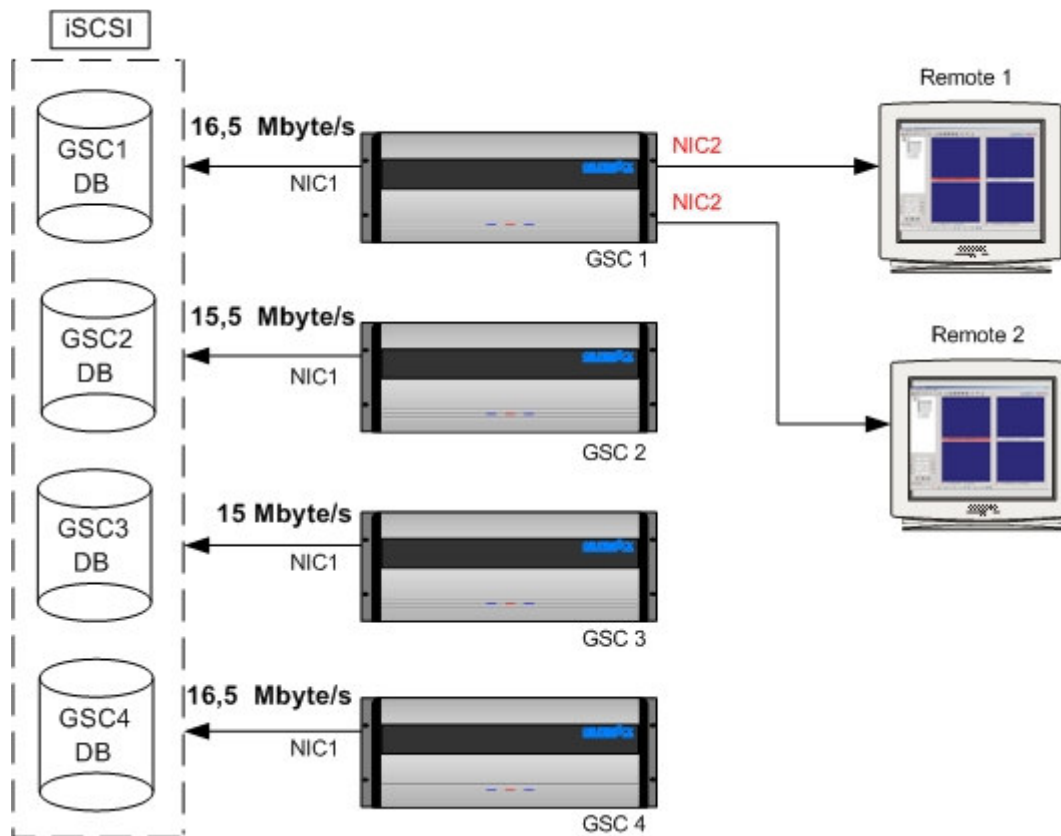
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IPB/ITR 05/06

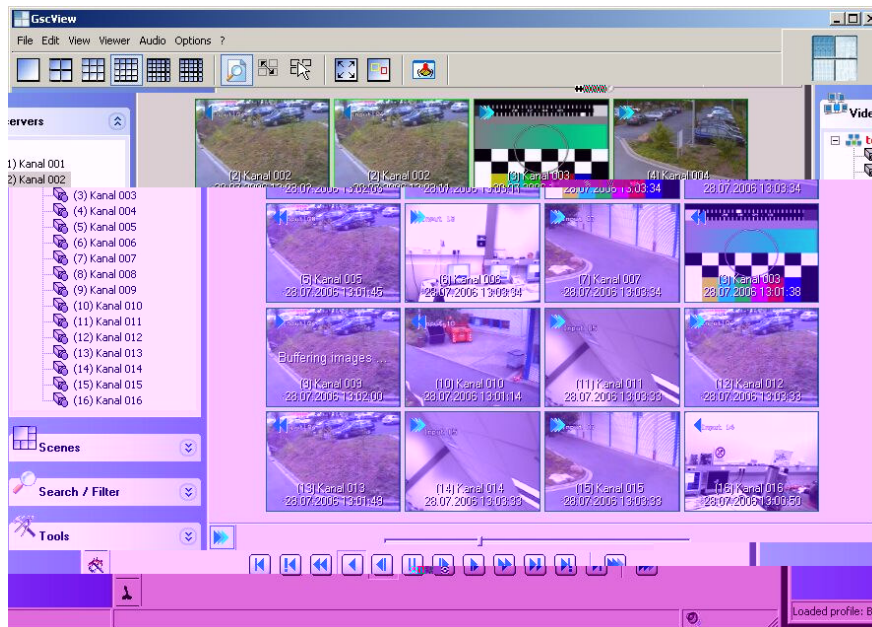
Intel 1 GBit Network Interface Cards (NIC 1) connection with iSCSI

Intel 1 GBit Network Interface Cards (NIC 2) connection with Remote 1



Open Remote 1 and Remote 2 GSC View
Set Viewer to 16 camera views

establish GSC 1 connection



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5.4 Disk Array 0



It is not allowed only one Disk Array 0



As soon as established threeGeviScope to the iSCSI host interface 1 and using only 1 GBit Ethernet collision detected, performance decrease (GeviScope Server Picture/s)

Established two GeviScope Server to the iSCSI host interface 1 performance gone

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5.4.1 VTrak iSCSI host interface 1 with 2 GeviScope Server

GeviScope 1 permanent 396 P/s 15 MByte/s (without Overhead)

```

Command Prompt - qscserver console
DEBUG [DBE,26161] 391.806 Video/s <14.8308 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.00
047765 ms
Free=0 Ring0=5604 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,26161] 396.107 Video/s <15.0309 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.00
0988512 ms
Free=0 Ring0=5604 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,26161] 391.796 Video/s <14.997 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.002
67974 ms
Free=0 Ring0=5604 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,26161] 392.191 Video/s <14.9557 MB/s> - 0 Audio/s <0 MB/s> - Wait 2.97
9e-006 ms
Free=0 Ring0=5604 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,26161] 391.064 Video/s <15.0038 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.00
0190031 ms
Free=0 Ring0=5604 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0

```

Network Connection 2 average 17,64 MByte/s



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GeviScope 2 permanent 400 P/s 13,93 MByte/s (without Overhead)

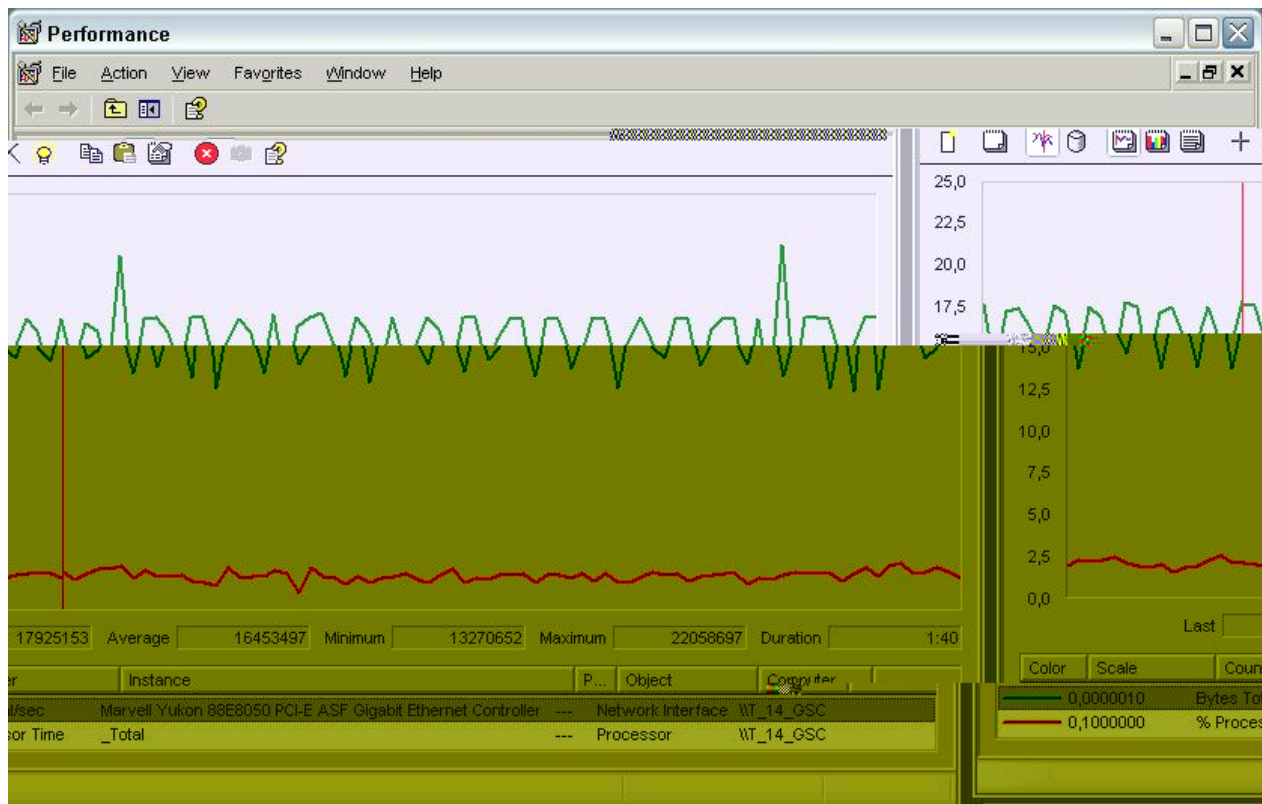
```

Command Prompt - gscserver console

538223 ms
Free=0 Ring0=5605 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2920] 400.128 Video/s <13.8319 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.
0647848 ms
Free=0 Ring0=5605 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2920] 400.079 Video/s <13.9355 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.
135152 ms
Free=0 Ring0=5605 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2920] 400.072 Video/s <13.7958 MB/s> - 0 Audio/s <0 MB/s> - Wait
0213314 ms
Free=0 Ring0=5605 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2920] 404.635 Video/s <13.9854 MB/s> - 0 Audio/s <0 MB/s> - Wait
158381 ms
Free=0 Ring0=5606 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0

```

Network Connection 2 average 16,45 MByte/s



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Internal Test Report

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5.4.2 VTrak iSCSI host interface 1 with 3 GeviScope Server

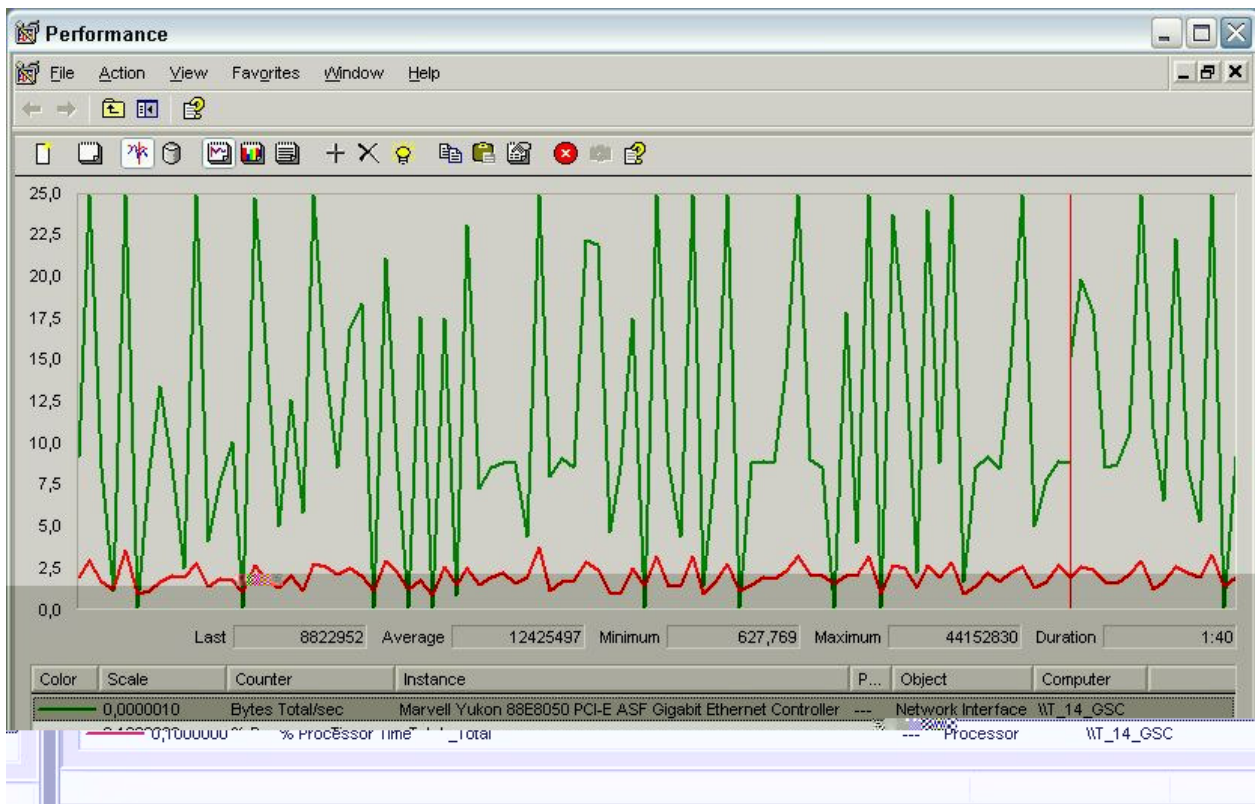
GeviScope 1 permanent 281 P/s 9,72 MByte/s (without Overhead)

```

Command Prompt - gscserver console
-008 ms
Free=0 Ring0=5606 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2920] 377.434 Video/s <13.0249 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.00
13794 ms
Free=0 Ring0=5606 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2920] 397.795 Video/s <13.7824 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.02
12047 ms
Free=0 Ring0=5606 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2920] 281.432 Video/s <9.72109 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.03
03254 ms
Free=0 Ring0=5606 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2920] 311.53 Video/s <10.8213 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.027
9628 ms
Free=0 Ring0=5606 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0

```

Network Connection 2 average 12,42 MByte/s



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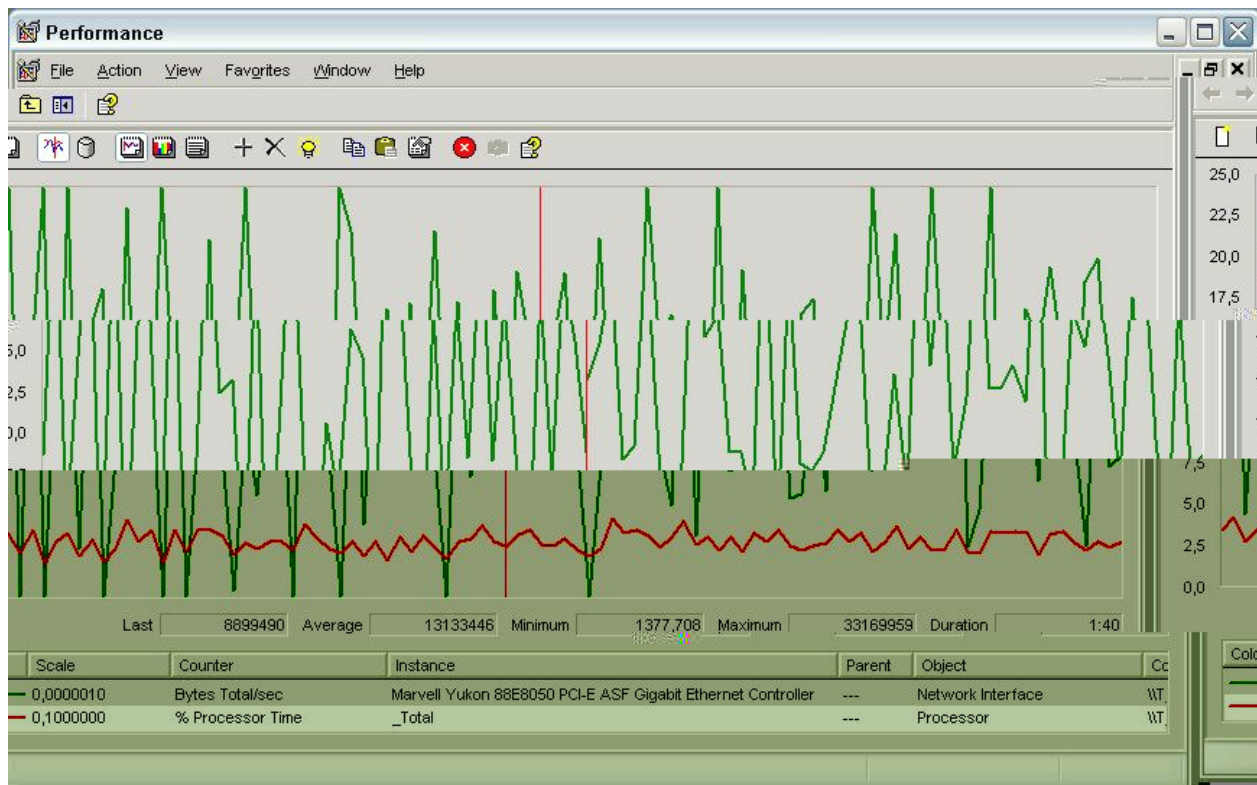
GeviScope 2 permanent 256 P/s 9,57 MByte/s (without Overhead)

```

Command Prompt - gscserver console

112267 ms
Free=0 Ring0=5604 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,26161] 393.226 Video/s <14.6034 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.00
9408401 ms
Free=0 Ring0=5604 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,26161] 393.292 Video/s <14.584 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.000
181083 ms
Free=0 Ring0=5604 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,26161] 343.623 Video/s <12.7366 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.
161774 ms
Free=0 Ring0=5604 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,26161] 256.523 Video/s <9.57094 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.
77658 ms
Free=0 Ring0=5604 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,26161] 306.382 Video/s <11.3895 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.0
98037 ms
  
```

Network Connection 2 average 13,13 MByte/s



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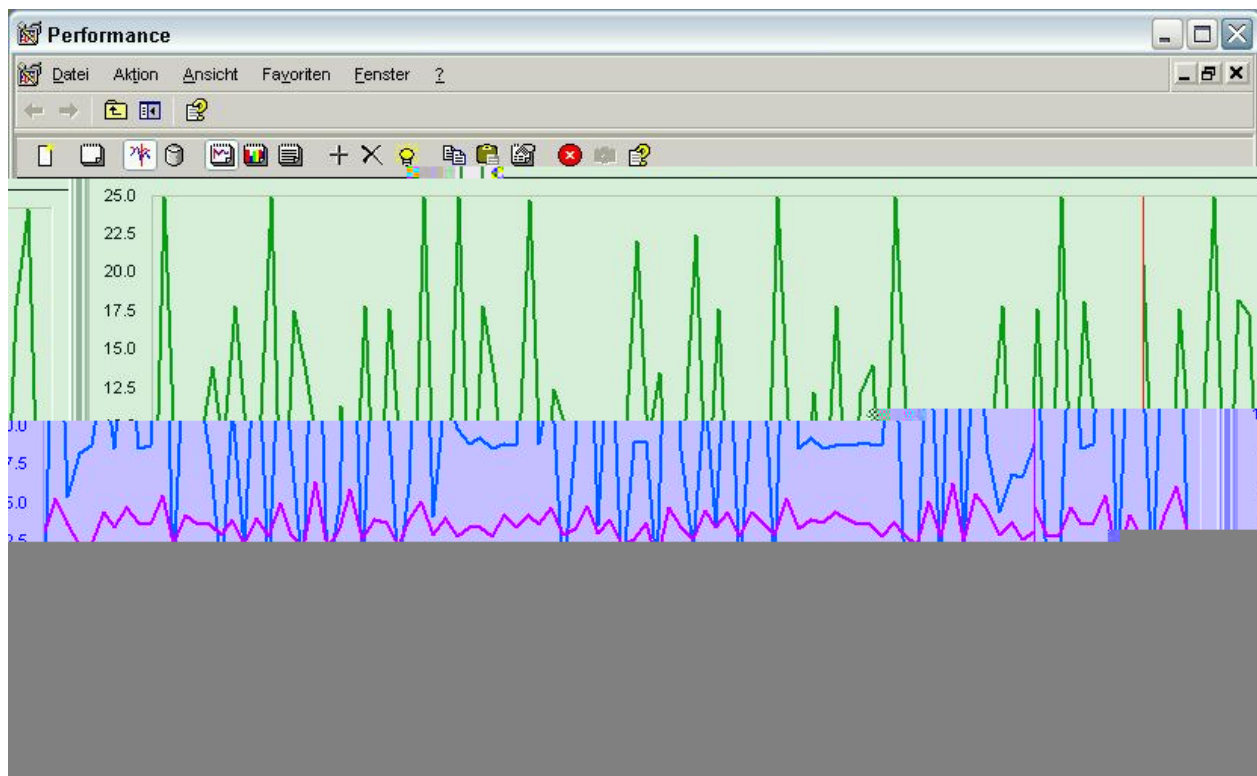
GeviScope 3 permanent 203 P/s 7,78 MByte/s (without Overhead)

```

Command Prompt - gscserver console
DEBUG [TRN,3652] TTimeRangeNotifier::Run
INFO [DBE,2308] Starting database...
INFO [DBE,2308] \\?\Volume{03b12a8a-5236-4379-9e62-b3c87699ce81}\GeViScope.Databas
INFO [DBE,2308] Database started in 3.67972 seconds.
INFO [CGscServerSetup,24321] SRT Read : Address = 127.0.0.1:1373 : User = sysadmin
DEBUG [DBE,2308] 203.405 Video/s <7.7857 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.026096
Free=0 Ring0=5600 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2308] 256.754 Video/s <9.87064 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.02268
Free=0 Ring0=5600 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2308] 221.48 Video/s <8.55366 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.022825
Free=0 Ring0=5600 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2308] 273.886 Video/s <10.6583 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.02163
Free=0 Ring0=5600 Ring1=0 Ring2=0 Ring3=0 Ring4=0 Ring5=0 Ring6=0 Ring7=0
DEBUG [DBE,2308] 208.443 Video/s <8.17148 MB/s> - 0 Audio/s <0 MB/s> - Wait 0.02412

```

Network Connection 2 average 10,53 MByte/s



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Internal Test Report

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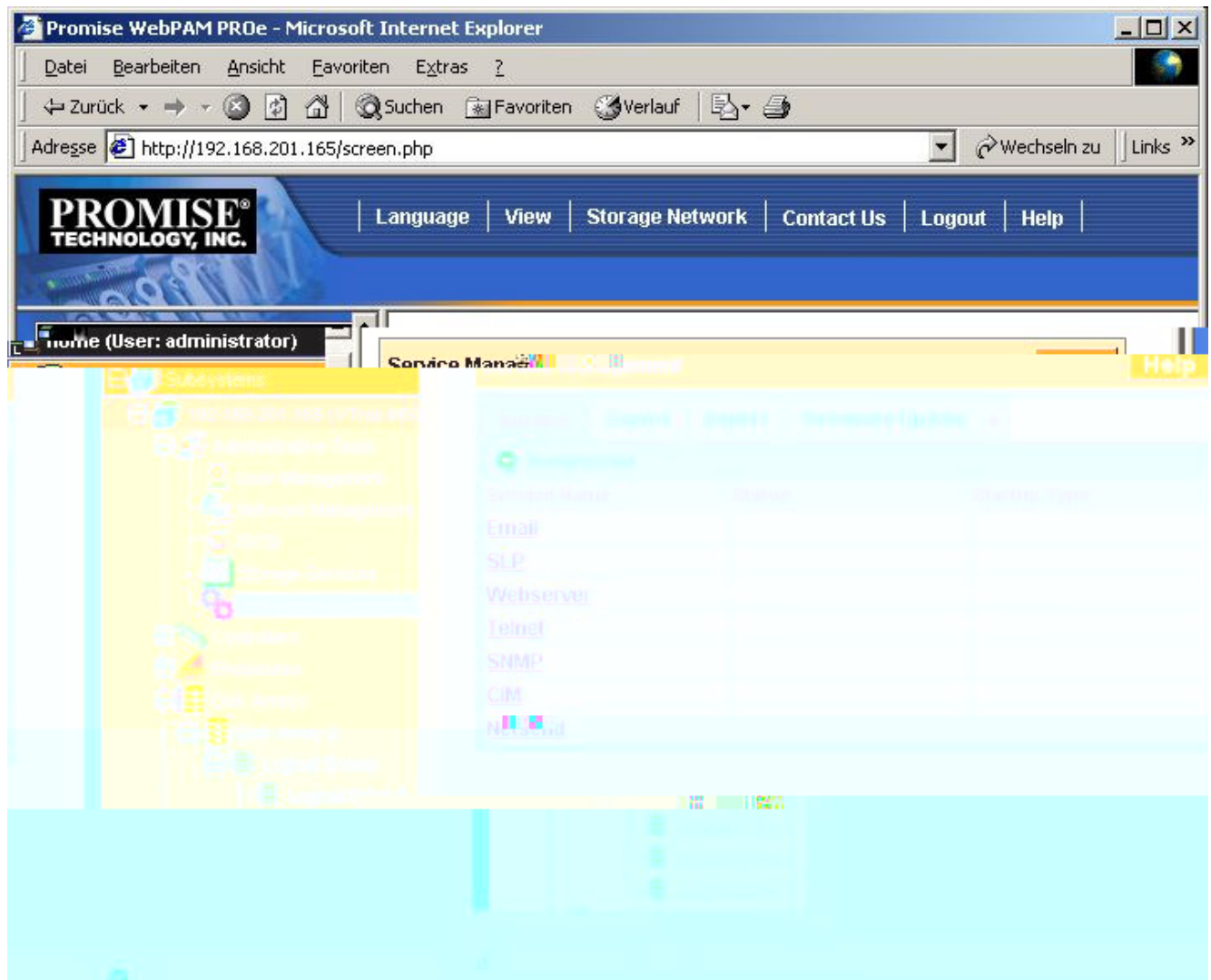
4. Freigabeentscheid / Release decision:

- ☒ Technische Freigabe / Technical approved
☐ Unter Vorbehalt / Restricted approval *
☐ Nicht freigegeben / Unapproved *

* Siehe Bemerkungen / See remarks

5. Bemerkungen / Remarks:

- Netsend notification



Interner Prüfbericht

Internal Test Report

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Adresse <http://192.168.201.165/screen.php> Wechseln zu Links »

PROMISE TECHNOLOGY, INC. | Language | View | Storage Network | Contact Us | Logout | Help

Home (User: administrator)

Subsystems

- 192.168.201.165 (VTrak M500i)
 - Administrative Tools
 - User Management
 - Network Management
 - iSCSI
 - Storage Services
 - Software Management
 - Controllers
 - Enclosures
 - Disk Arrays
 - Disk Array 0
 - Logical Drives
 - Spare Drives
 - Logical Drive Summary

Netsend Settings Help

Service Export Import Firmware Update

Service Status -- Netsend

Running Status Started

Stop Restart

Service Setting -- Netsend

Startup Type ☒ Automatic ☐ Manual

Message Recipient

Recipient IP Address 0.0.0.0

Recipient Filter ☒ Info ☐ Warning ☐ Minor ☐ Major ☐ Critical ☐ Fatal

Update Delete

Message Event Severity Filter

#	Recipient IP Address	Recipient Filter
1	192.168.201.10	Info and above
2	192.168.201.144	Info and above
3	192.168.123.200	Info and above

Internet Fertig

Nachrichtendienst X

Nachricht von Netsend an 192.168.201.144 am 21.07.2006 10:26:44

No.1 From: SEP 1 Enc 1 in VTrak M500i (Alias M500i)
Event: SEP is found

OK

Nachrichtendienst X

Nachricht von Netsend an 192.168.201.144 am 21.07.2006 11:09:38

No.5 From: PD 14 in VTrak M500i (Alias M500i)
Event: Physical Disk is marked as DEAD due to removal

OK

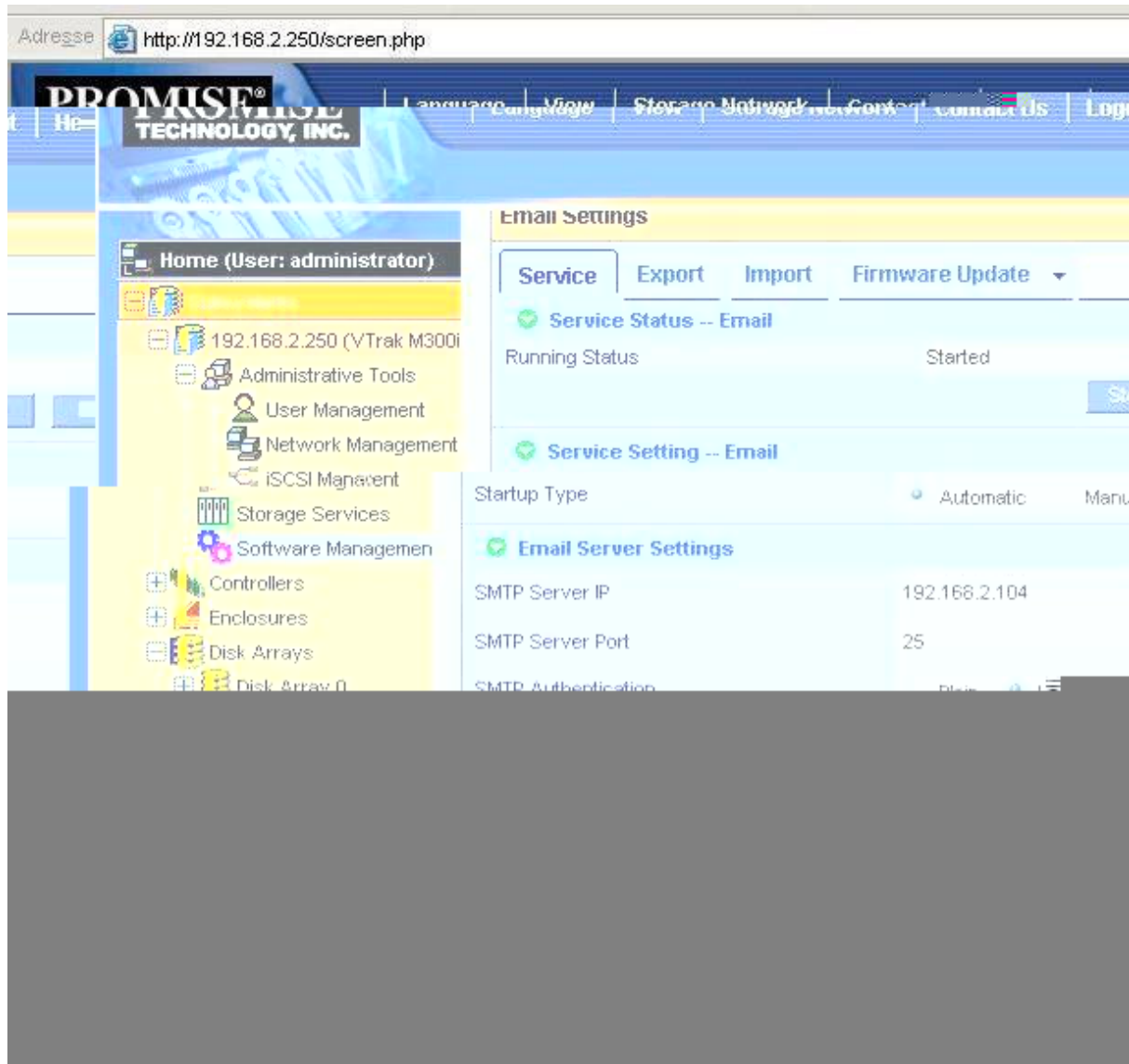
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- Email notification

Installed Mercury: Freeware-Mailserver for Windows



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Promise WebPAM PROe - Microsoft Internet Explorer

Datei Bearbeiten Ansicht Favoriten Extras ?

Zurück Suchen Favoriten

Adresse http://192.168.2.250/screen.php

PROMISE TECHNOLOGY, INC. | Language | View | Storage Network | Contact Us | Logout | Help

Home (User: administrator)

Subsystems

192.168.2.250 (VTrak M300)

Administrative Tools

- User Management
- Network Management
- iSCSI Management
- Storage Services
- Software Management

Enclosures

- Disk Arrays
- Disk Array 0
- Logical Drives
- Spare Drives
- Logical Drive Summary

Event Subscription

Information Settings Event Subscription Password Create Delete Session

General Info

User Name administrator

Email test@test.de

Enable Event Notification ☒

Event Subscription by Shortcuts

Event Subscription by Enclosure

Component	Info	Warning	Minor	Major	Critical	Fatal	None
Battery	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
BBU	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Blower	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cooling Unit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
PSU	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
SEP	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Temperature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Event Subscription by RAID core

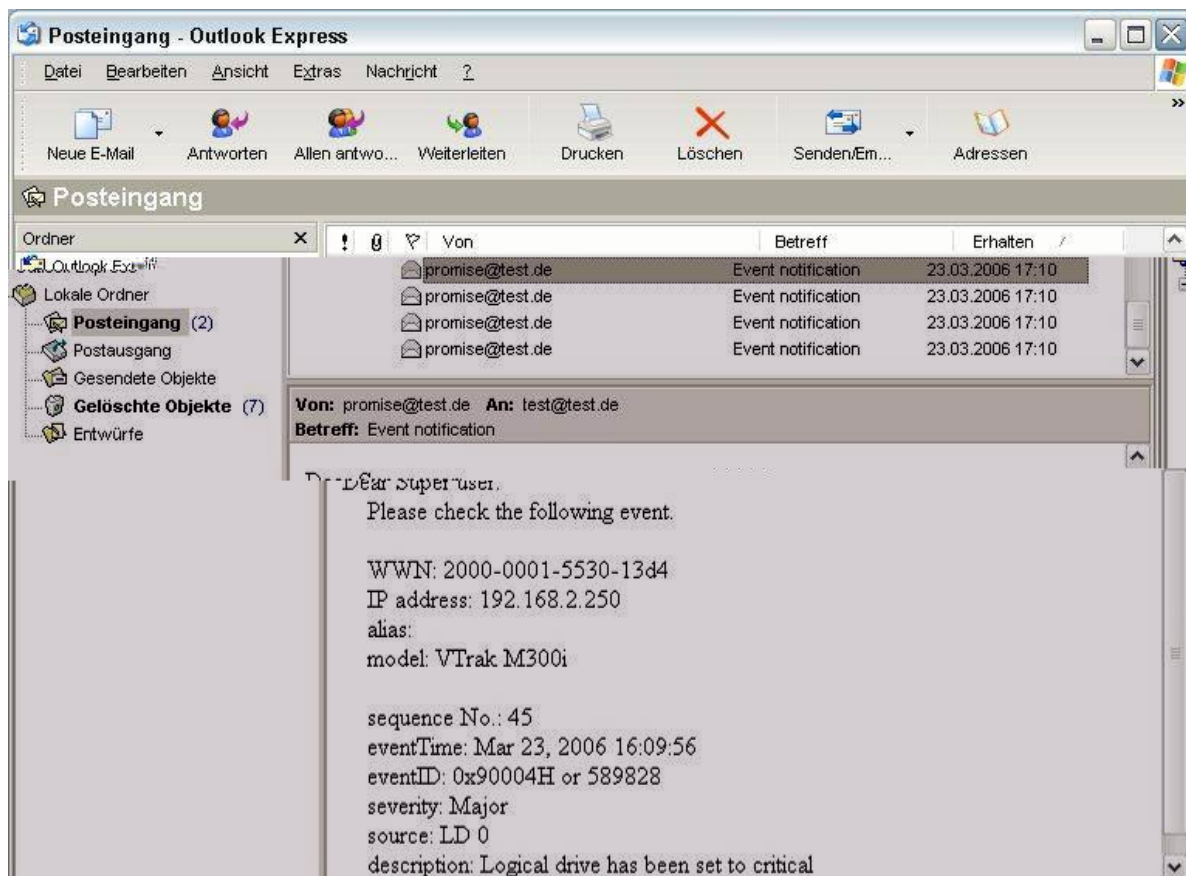
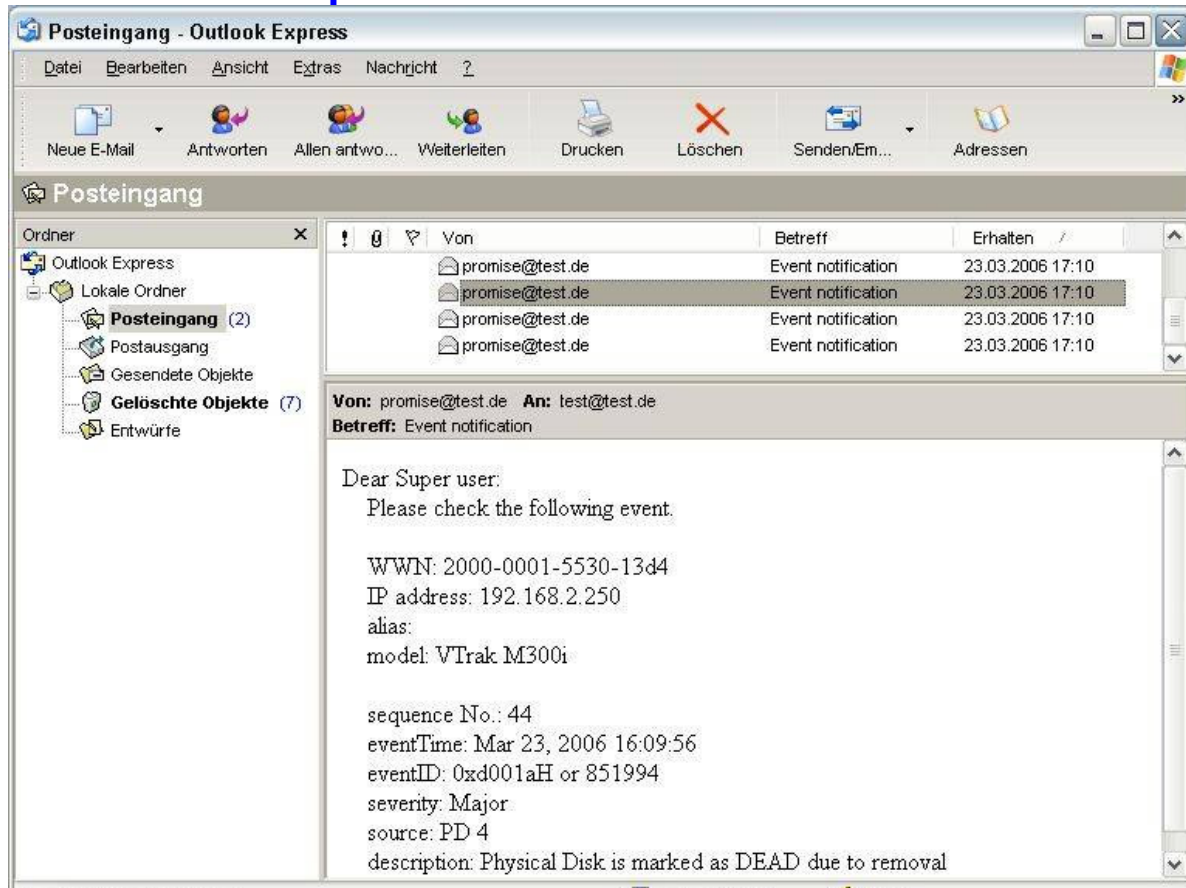
Event Subscription by Host interface

Event Subscription by Drive interface

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- **Contact**

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