

TPMXI Quick Guide

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This PDF file uses also bookmarks for easier navigation.

1 Preface

This document gives a brief overview of the functions and features of the eGatherer file output viewer TPMXI – Tivoli Provisioning Manager Express v4.1.0.12 for Windows. It discussed viewing eGatherer outputs taken from Windows host servers.

TPMXI is a Java program that requires Java Runtime Environment (JRE) v5.0 which is part of the installation package. It is supplied as a local JRE, i.e. only TPMXI can use the JRE v5.0. The tool is therefore not dependent on the globally installed JRE.

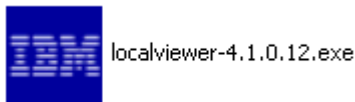
A detailed TPMXI User Guide is supplied in the package as PDF file. Additional details is found in chapter "2 Installing the TPMXI viewer".

eGatherer does not replace DSA but merely complements DSA.

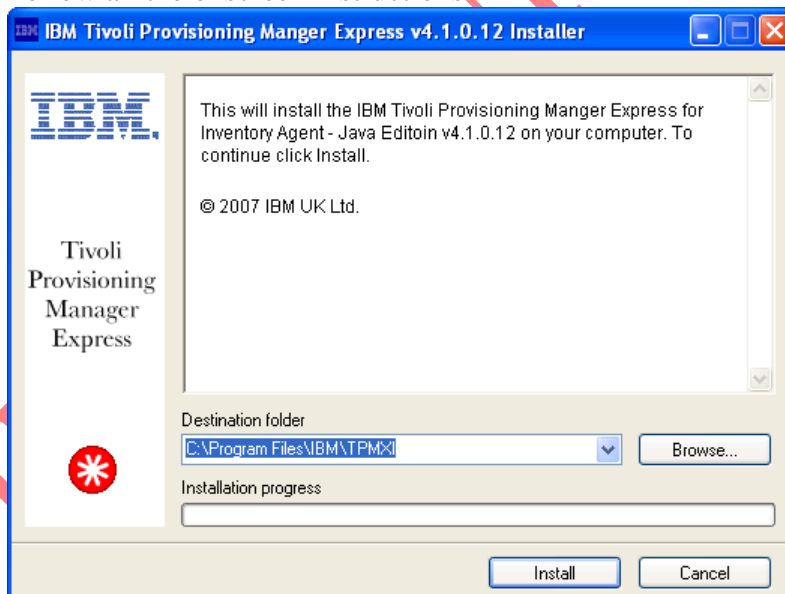
- eGatherer is available via support document [MIGR-4R5VKC](#)
- DSA is available for the public via support document [SERV-DSA](#)
- The TPMXI viewer is available to IBM employees only via the IBM confidential document [MIGR-5076552](#)

2 Installing the TPMXI viewer

1. Once downloaded, double-click on the icon "localviewer-4.1.0.12.exe"



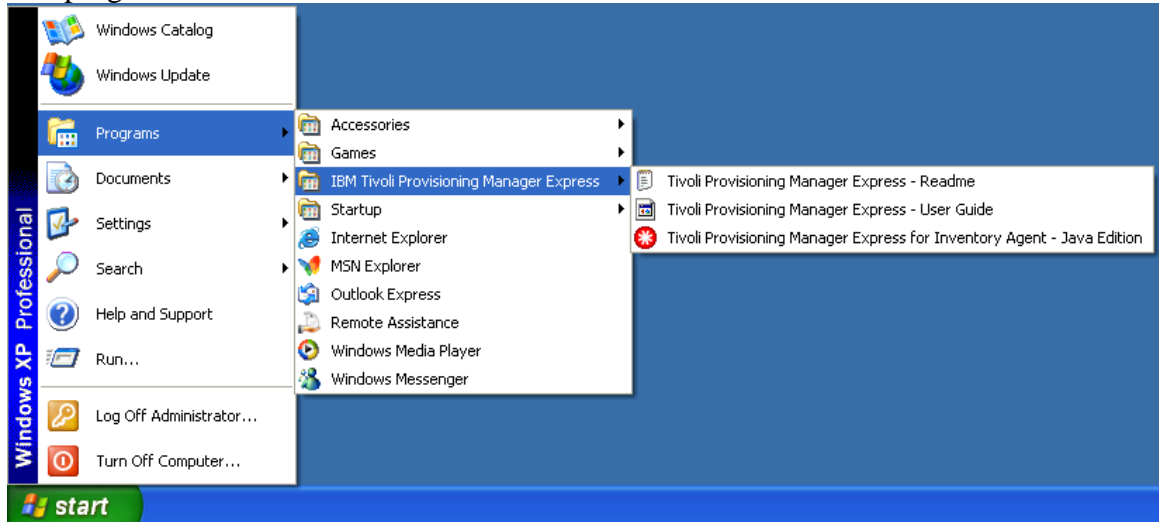
2. Follow all the onscreen instructions



3. Once the installation is complete the following icon can be found on the Windows Desktop



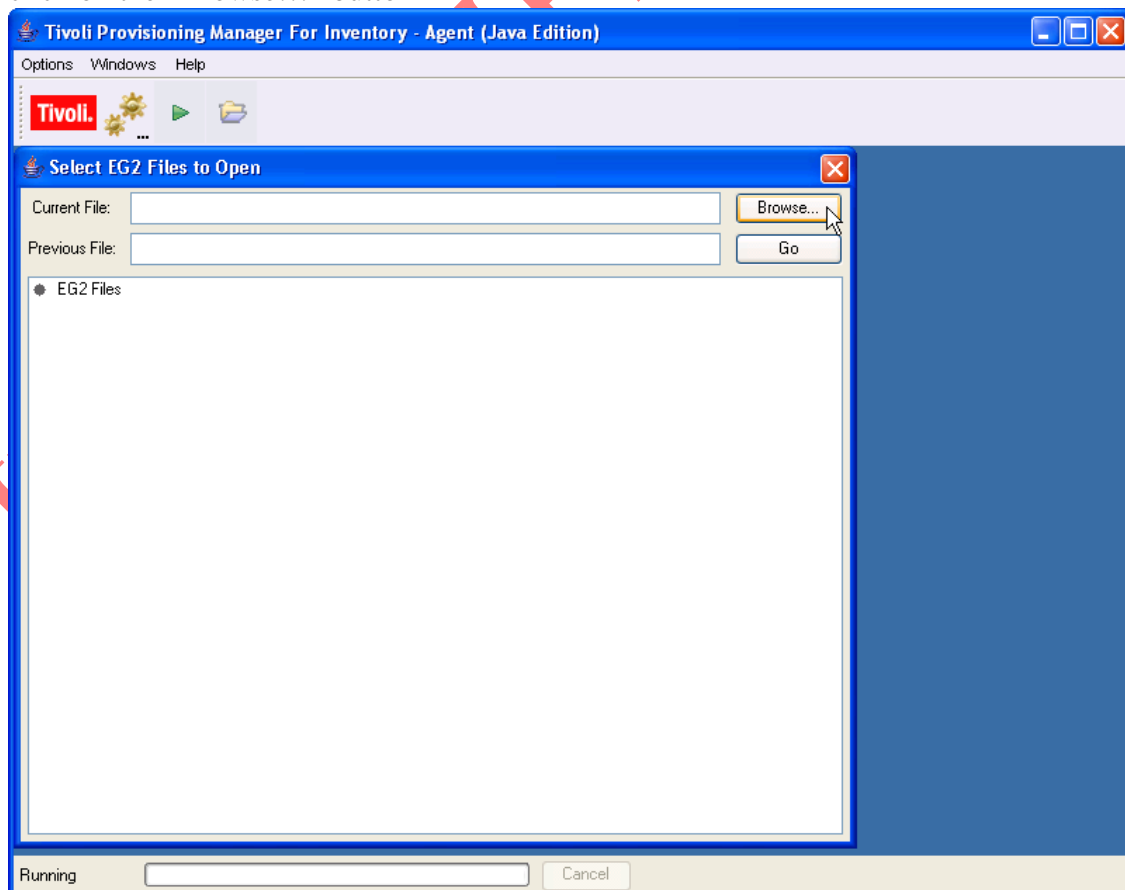
4. The program can also be launched via the Windows “Start” button



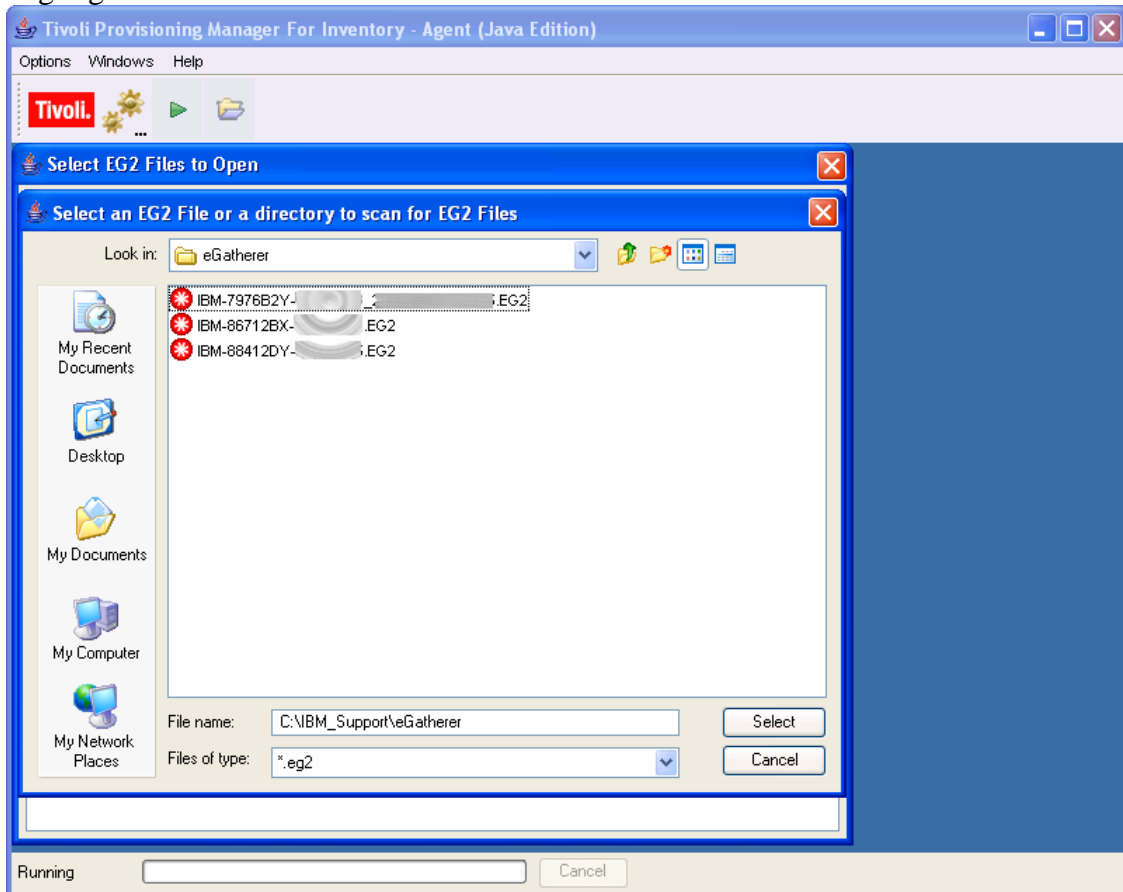
3 First time usage

After the installation is complete the .EG2 file extension gets associated with the TPMXI viewer. In order for the TPMXI viewer to operate correctly the first eGatherer output file must be manually loaded into the tool. If this is not done, then the TPMXI viewer will hang and not load the file at all. In this case the application must be closed and restarted again.

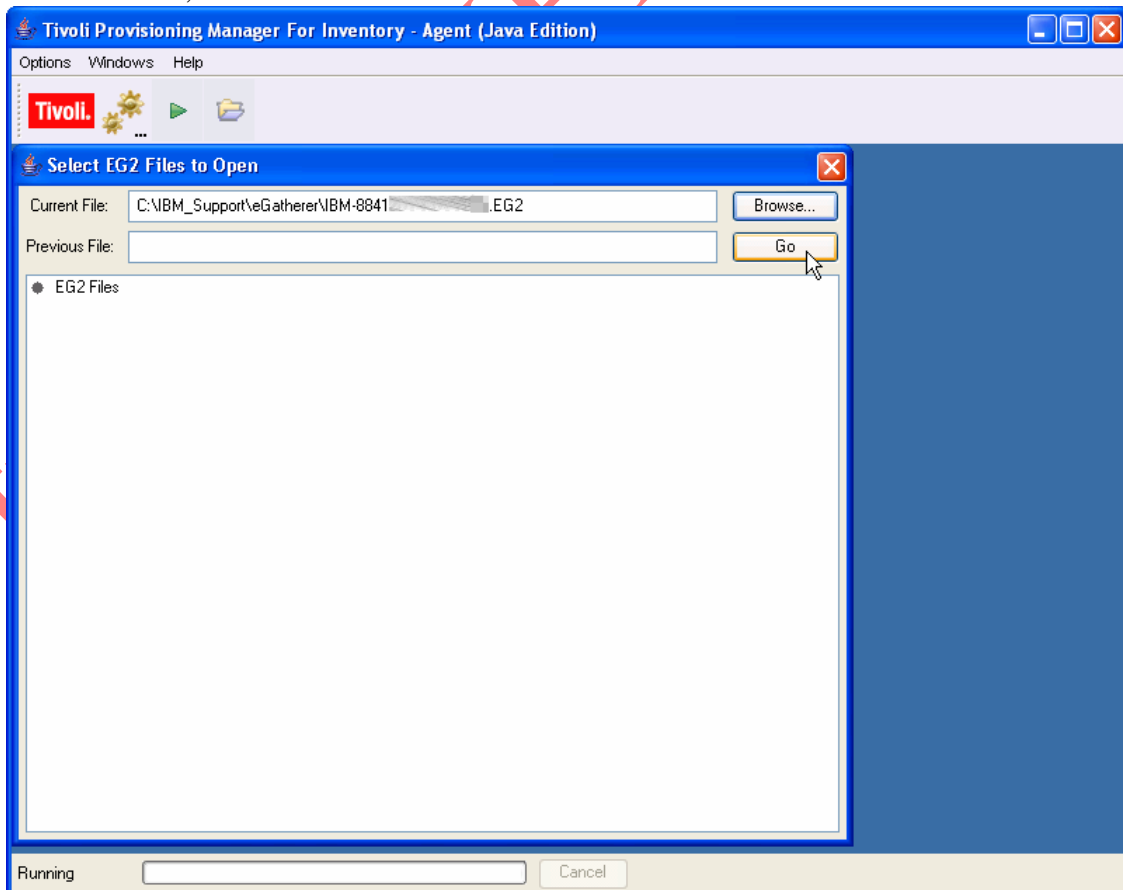
1. Launch the TPMXI viewer either via its icon or the Windows “Start / Programs” menu
2. Click on the “Open file” icon and browse to the directory in which the .EG2 file resides and click on the “Browse...” button



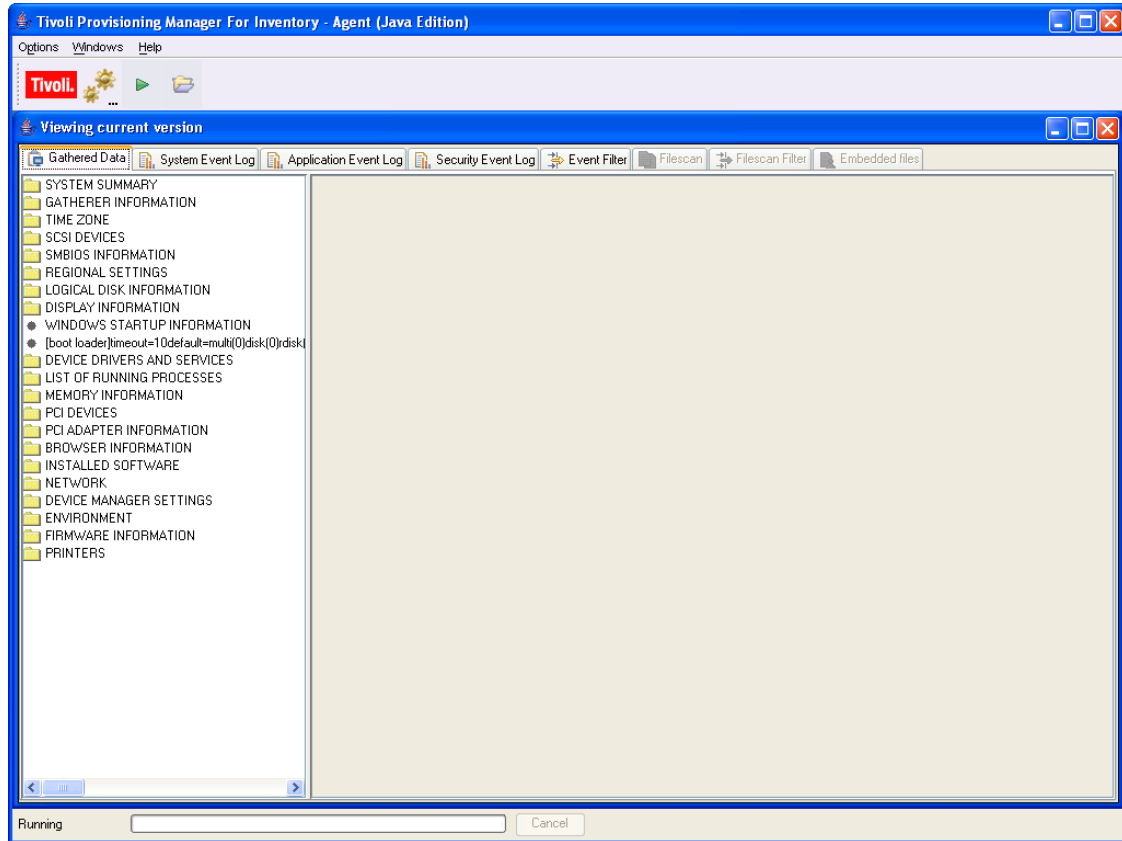
3. Highlight the .EG2 file and click on the “Select” button



4. Once selected, click on the “Go” button

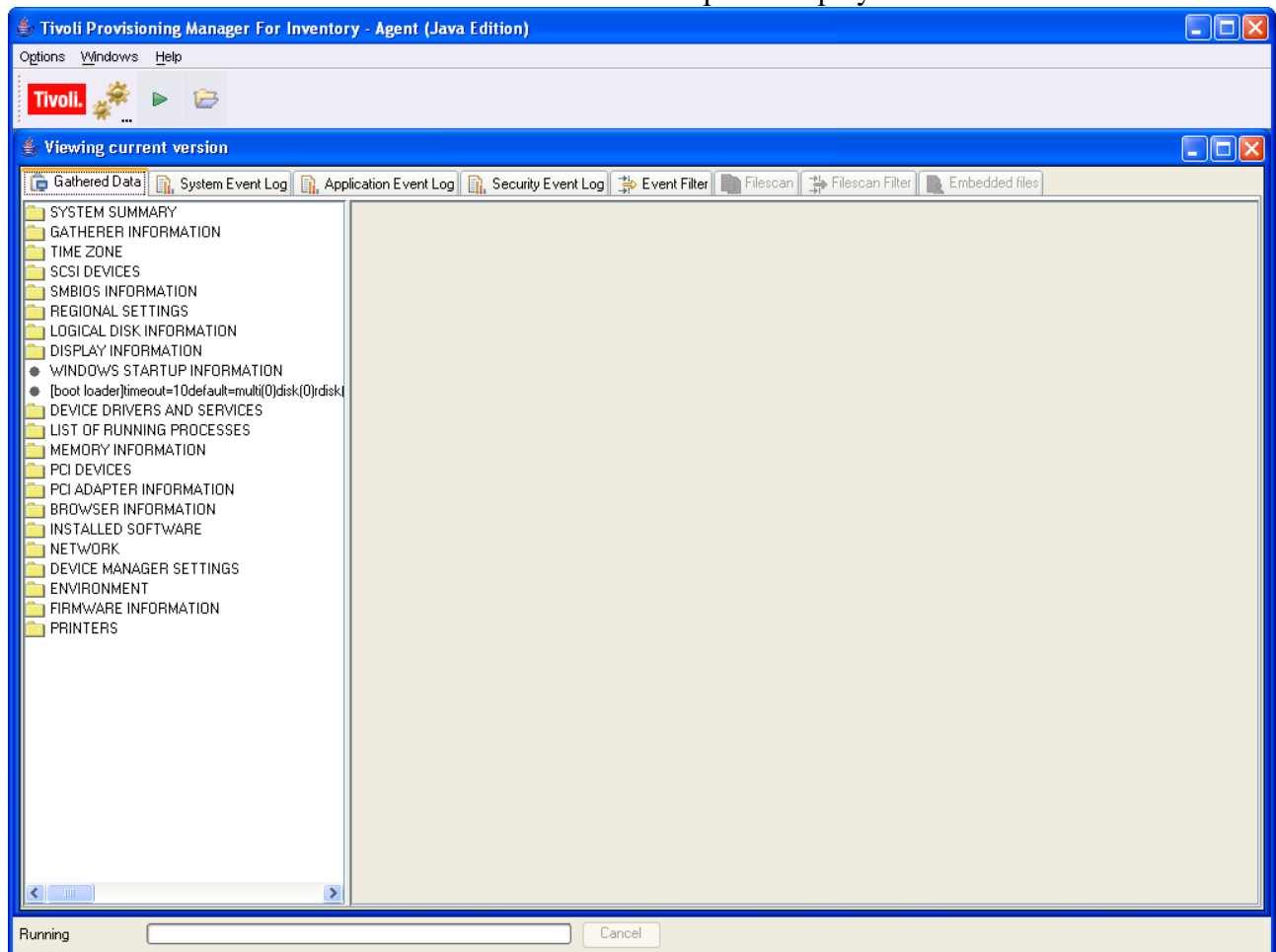


5. The TPMXI viewer will now load the .EG2 file for review



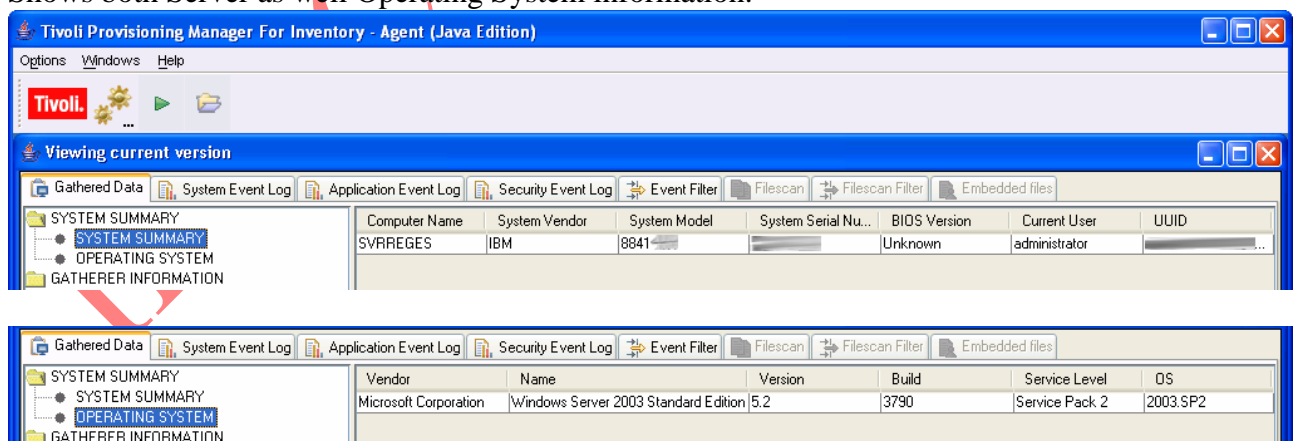
4 Reviewing .EG2 files

Once the TPMXI viewer has loaded a .EG2 file the output is displayed as follows



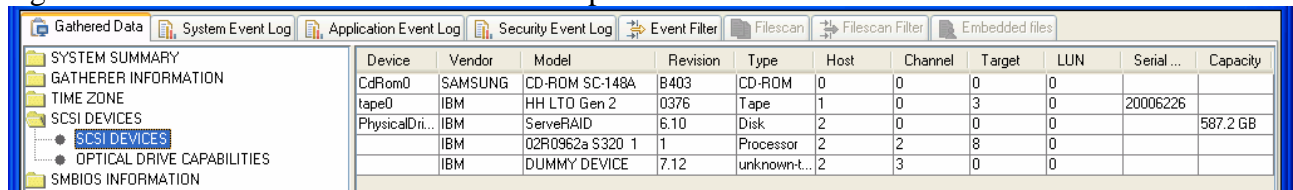
4.1 System Summary

Shows both Server as well Operating System information.



4.2 SCSI Devices

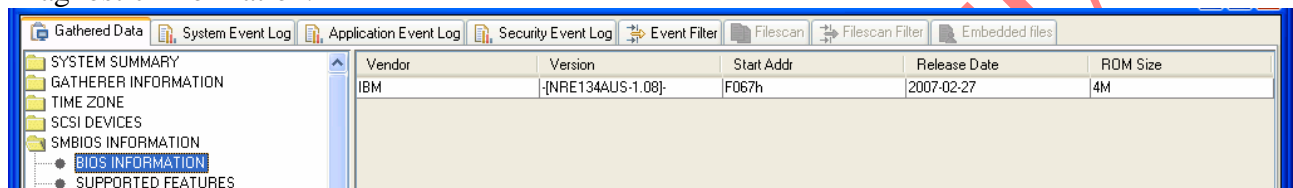
The “SCSI devices” gives an overview of all SCSI devices attached to the host server. It will however not list any USB Tape drives. The Optical Drive Capabilities shows if the installed drive – e.g. CD-ROM drive – is a drive with write capabilities.



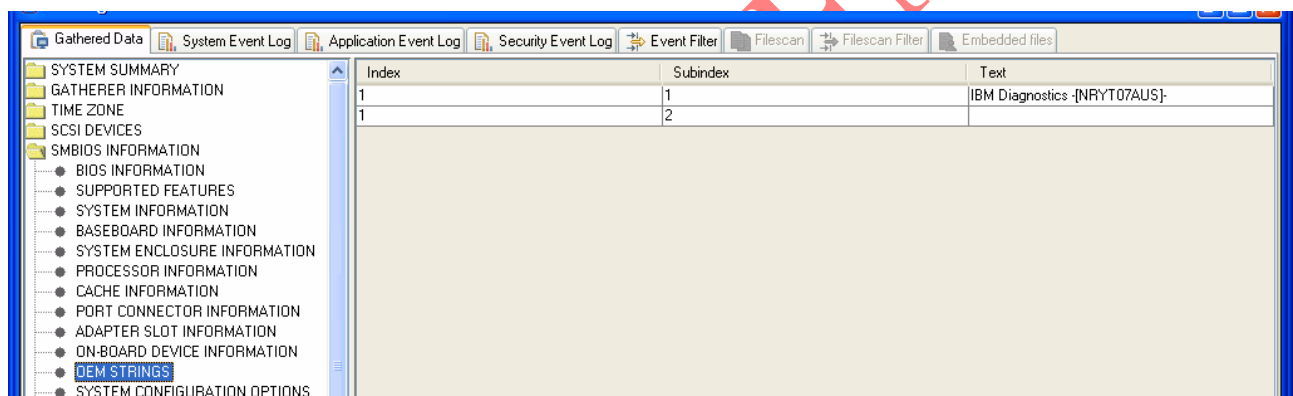
Device	Vendor	Model	Revision	Type	Host	Channel	Target	LUN	Serial ...	Capacity
CdRom0	SAMSUNG	CD-ROM SC-148A	B403	CD-ROM	0	0	0	0		
tape0	IBM	HH LTO Gen 2	0376	Tape	1	0	3	0	20006226	
PhysicalDri...	IBM	ServeRAID	6.10	Disk	2	0	0	0		587.2 GB
	IBM	02R0962a S320_1	1	Processor	2	2	8	0		
	IBM	DUMMY DEVICE	7.12	unknown-t...	2	3	0	0		

4.3 SMBIOS Information

The SMBIOS information contains data on the System BIOS and for certain servers also flash Diagnostic information.



Vendor	Version	Start Addr	Release Date	ROM Size
IBM	{NRE134AUS-1.08}	F067h	2007-02-27	4M

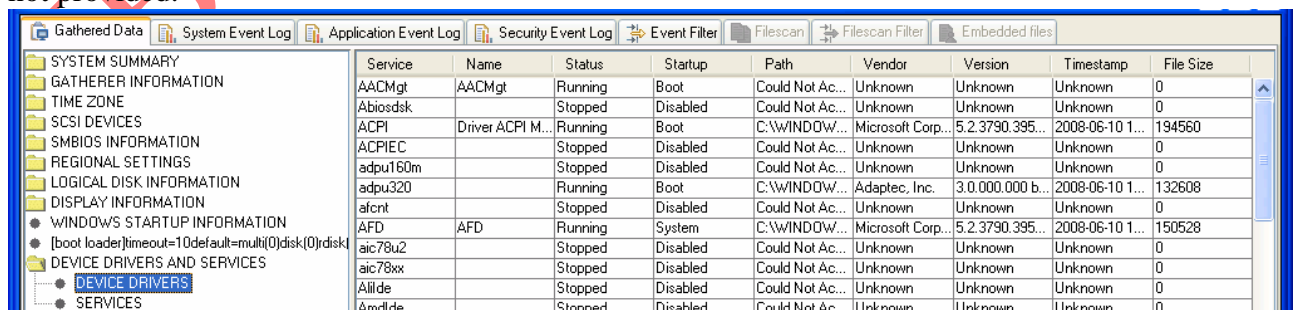


Index	Subindex	Text
1	1	IBM Diagnostics {NRYT07AUS}
1	2	

4.4 Device Drivers and Services

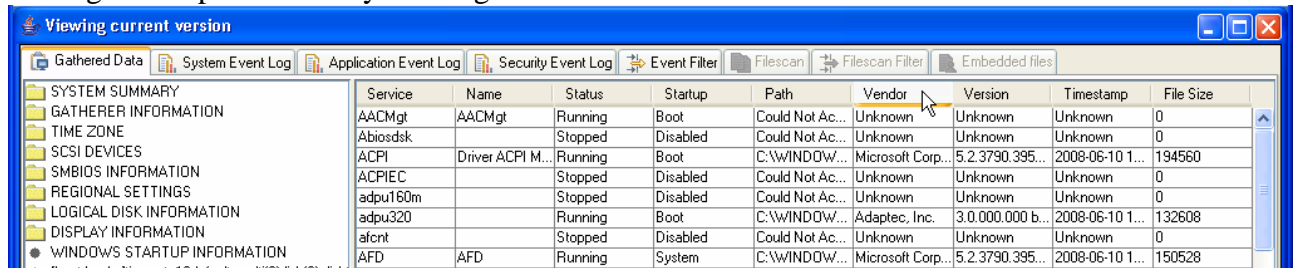
4.4.1 Device Drivers

The “Device Drivers” section shows all installed Device Drivers. Disabled and stopped device drivers are shown with an “Unknown” Vendor, Version or Timestamp. Also the Path information is not provided.

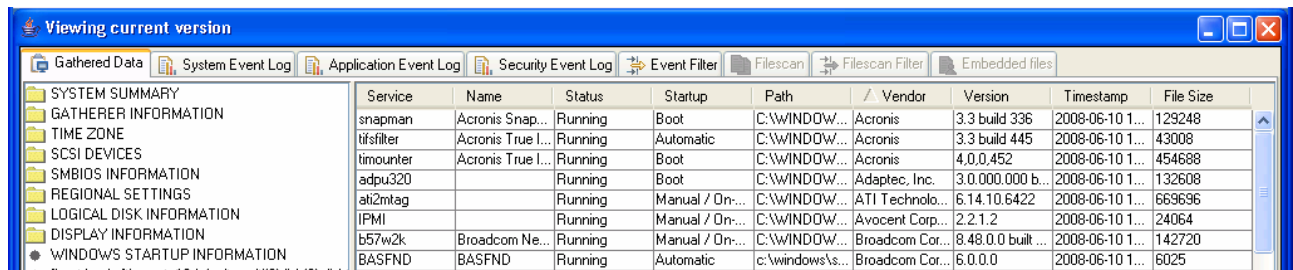


Service	Name	Status	Startup	Path	Vendor	Version	Timestamp	File Size
AACMgt	AACMgt	Running	Boot	Could Not Ac...	Unknown	Unknown	Unknown	0
Abiosdsk		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0
ACPI	Driver ACPI M...	Running	Boot	C:\WINDOW...	Microsoft Corp...	5.2.3790.395...	2008-06-10 1...	194560
ACPIEC		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0
adpu160m		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0
adpu320		Running	Boot	C:\WINDOW...	Adaptec, Inc.	3.0.000.000 b...	2008-06-10 1...	132608
afcnt		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0
AFD	AFD	Running	System	C:\WINDOW...	Microsoft Corp...	5.2.3790.395...	2008-06-10 1...	150528
aic78u2		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0
aic78xx		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0
Alilide		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0
Amlide		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0

Sorting the output is done by clicking onto the column that is to be sorted

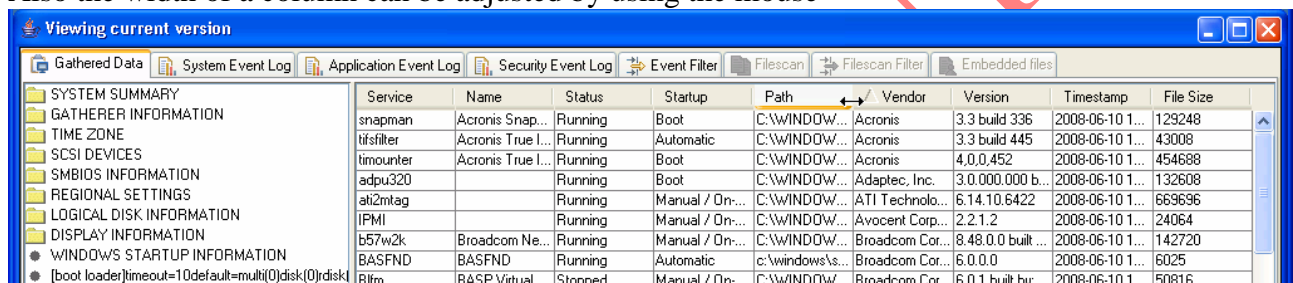


Service	Name	Status	Startup	Path	Vendor	Version	Timestamp	File Size
AACMgt	AACMgt	Running	Boot	Could Not Ac...	Unknown	Unknown	Unknown	0
Abiosdsk		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0
ACPI	Driver ACPI M...	Running	Boot	C:\WINDOW...	Microsoft Corp...	5.2.3790.395...	2008-06-10 1...	194560
ACPIEC		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0
adpu160m		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0
adpu320		Running	Boot	C:\WINDOW...	Adaptec, Inc.	3.0.000.000 b...	2008-06-10 1...	132608
afcnt		Stopped	Disabled	Could Not Ac...	Unknown	Unknown	Unknown	0
AFD	AFD	Running	System	C:\WINDOW...	Microsoft Corp...	5.2.3790.395...	2008-06-10 1...	150528

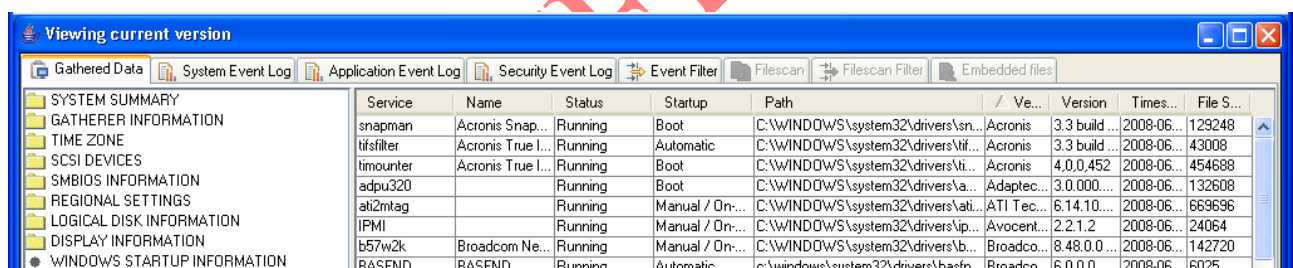


Service	Name	Status	Startup	Path	Vendor	Version	Timestamp	File Size
snapman	Acronis Snap...	Running	Boot	C:\WINDOW...	Acronis	3.3 build 336	2008-06-10 1...	129248
tifsfilter	Acronis True I...	Running	Automatic	C:\WINDOW...	Acronis	3.3 build 445	2008-06-10 1...	43008
timounter	Acronis True I...	Running	Boot	C:\WINDOW...	Acronis	4.0.0.452	2008-06-10 1...	454688
adpu320		Running	Boot	C:\WINDOW...	Adaptec, Inc.	3.0.000.000 b...	2008-06-10 1...	132608
ati2mtag		Running	Manual / On...	C:\WINDOW...	ATI Technolo...	6.14.10.6422	2008-06-10 1...	669696
IPMI		Running	Manual / On...	C:\WINDOW...	Avocent Corp...	2.2.1.2	2008-06-10 1...	24064
b57w2k	Broadcom Ne...	Running	Manual / On...	C:\WINDOW...	Broadcom Cor...	8.48.0.0 built ...	2008-06-10 1...	142720
BASFND	BASFND	Running	Automatic	c:\windows\s...	Broadcom Cor...	6.0.0.0	2008-06-10 1...	6025

Also the width of a column can be adjusted by using the mouse



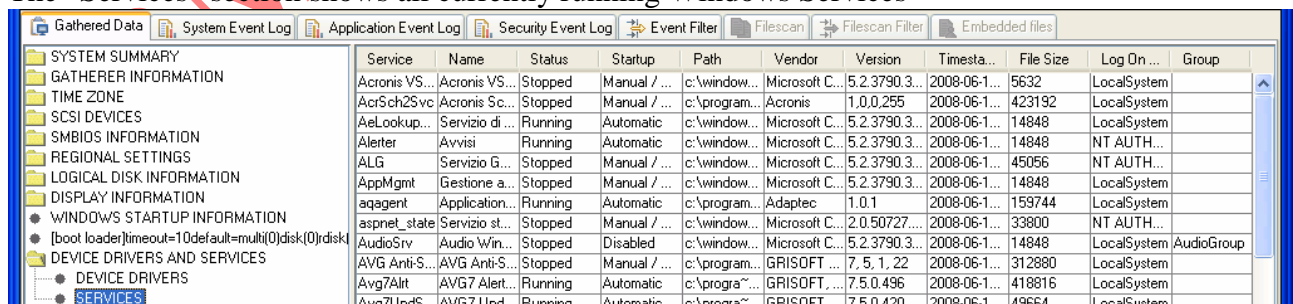
Service	Name	Status	Startup	Path	Vendor	Version	Timestamp	File Size
snapman	Acronis Snap...	Running	Boot	C:\WINDOW...	Acronis	3.3 build 336	2008-06-10 1...	129248
tifsfilter	Acronis True I...	Running	Automatic	C:\WINDOW...	Acronis	3.3 build 445	2008-06-10 1...	43008
timounter	Acronis True I...	Running	Boot	C:\WINDOW...	Acronis	4.0.0.452	2008-06-10 1...	454688
adpu320		Running	Boot	C:\WINDOW...	Adaptec, Inc.	3.0.000.000 b...	2008-06-10 1...	132608
ati2mtag		Running	Manual / On...	C:\WINDOW...	ATI Technolo...	6.14.10.6422	2008-06-10 1...	669696
IPMI		Running	Manual / On...	C:\WINDOW...	Avocent Corp...	2.2.1.2	2008-06-10 1...	24064
b57w2k	Broadcom Ne...	Running	Manual / On...	C:\WINDOW...	Broadcom Cor...	8.48.0.0 built ...	2008-06-10 1...	142720
BASFND	BASFND	Running	Automatic	c:\windows\s...	Broadcom Cor...	6.0.0.0	2008-06-10 1...	6025
Blifm	BASP Virtual ...	Stopped	Manual / On...	C:\WINDOW...	Broadcom Cor...	6.0.1.1 built by ...	2008-06-10 1...	50816



Service	Name	Status	Startup	Path	Vendor	Version	Times...	File S...
snapman	Acronis Snap...	Running	Boot	C:\WINDOWS\system32\drivers\sn...	Acronis	3.3 build ...	2008-06...	129248
tifsfilter	Acronis True I...	Running	Automatic	C:\WINDOWS\system32\drivers\ti...	Acronis	3.3 build ...	2008-06...	43008
timounter	Acronis True I...	Running	Boot	C:\WINDOWS\system32\drivers\li...	Acronis	4.0.0.452	2008-06...	454688
adpu320		Running	Boot	C:\WINDOWS\system32\drivers\la...	Adaptec...	3.0.000...	2008-06...	132608
ati2mtag		Running	Manual / On...	C:\WINDOWS\system32\drivers\ati...	ATI Tec...	6.14.10...	2008-06...	669696
IPMI		Running	Manual / On...	C:\WINDOWS\system32\drivers\ip...	Avocent...	2.2.1.2	2008-06...	24064
b57w2k	Broadcom Ne...	Running	Manual / On...	C:\WINDOWS\system32\drivers\b...	Broadco...	8.48.0.0	2008-06...	142720
BASFND	BASFND	Running	Automatic	c:\windows\system32\drivers\basf...	Broadco...	6.0.0.0	2008-06...	6025

4.4.2 Services

The “Services” section shows all currently running Windows Services

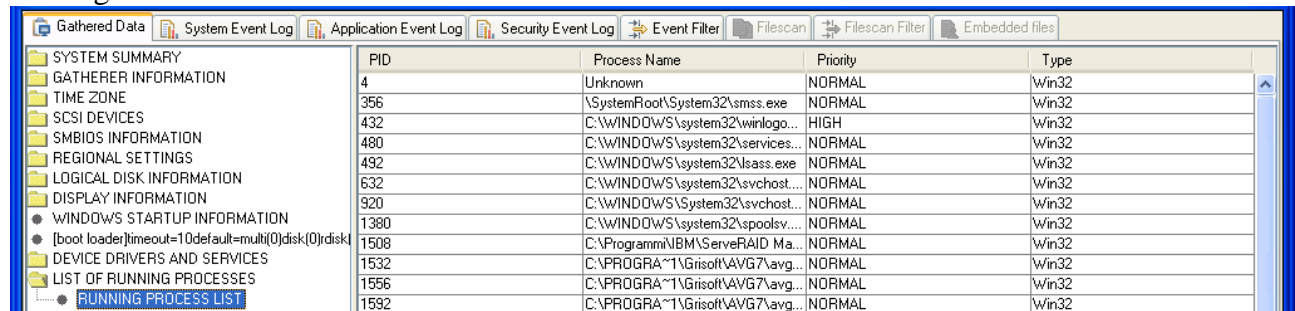


Service	Name	Status	Startup	Path	Vendor	Version	Time...	File Size	Log On ...	Group
Acronis VS...	Acronis VS...	Stopped	Manual / ...	c:\window...	Microsoft C...	5.2.3790.3...	2008-06-1...	5632	LocalSystem	
AcrSch2Svc	Acronis Sc...	Stopped	Manual / ...	c:\program...	Acronis	1.0.0.255	2008-06-1...	423192	LocalSystem	
AeLookUp...	Servizio di ...	Running	Automatic	c:\window...	Microsoft C...	5.2.3790.3...	2008-06-1...	14848	LocalSystem	
Alerter	Avvisi	Running	Automatic	c:\window...	Microsoft C...	5.2.3790.3...	2008-06-1...	14848	NT AUTH...	
ALG	Servizio G...	Running	Manual / ...	c:\window...	Microsoft C...	5.2.3790.3...	2008-06-1...	45056	NT AUTH...	
AppMgmt	Gestione a...	Stopped	Manual / ...	c:\window...	Microsoft C...	5.2.3790.3...	2008-06-1...	14848	LocalSystem	
aqagent	Application...	Running	Automatic	c:\program...	Adaptec	1.0.1	2008-06-1...	159744	LocalSystem	
aspnet_state	Servizio st...	Stopped	Manual / ...	c:\window...	Microsoft C...	2.0.50727...	2008-06-1...	33800	NT AUTH...	
AudioSrv	Audio Win...	Stopped	Disabled	c:\window...	Microsoft C...	5.2.3790.3...	2008-06-1...	14848	LocalSystem	AudioGroup
AVG Anti-S...	AVG Anti-S...	Stopped	Manual / ...	c:\program...	GRISOFT	7.5.1.22	2008-06-1...	312880	LocalSystem	
Avg7Alt	AVG7 Alert...	Running	Automatic	c:\progra...	GRISOFT	7.5.0.496	2008-06-1...	418816	LocalSystem	
Avg7UpdS...	AVG7 Upd...	Running	Automatic	c:\progra...	GRISOFT	7.5.0.420	2008-06-1...	49664	LocalSystem	

The output can be sorted and adjusted as explained in chapter “4.4.1 Device Drivers”.

4.5 List of Running Processes

In the “List Of Running Processes” there is the “Running Process List” that shows all currently running Windows Processes

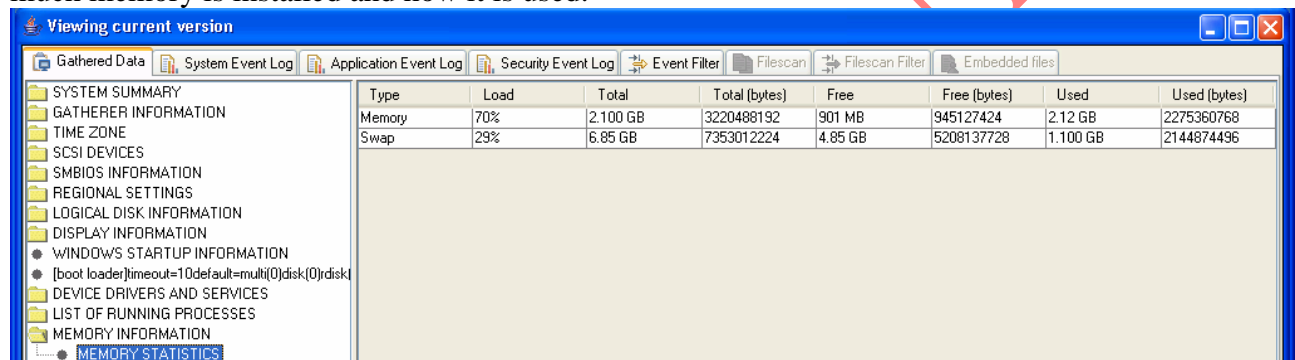


PID	Process Name	Priority	Type
4	Unknown	NORMAL	Win32
356	C:\SystemRoot\System32\smss.exe	NORMAL	Win32
432	C:\WINDOWS\system32\winlogon.exe	HIGH	Win32
480	C:\WINDOWS\system32\services.exe	NORMAL	Win32
492	C:\WINDOWS\system32\lsass.exe	NORMAL	Win32
632	C:\WINDOWS\system32\svchost.exe	NORMAL	Win32
920	C:\WINDOWS\system32\svchost.exe	NORMAL	Win32
1380	C:\WINDOWS\system32\spoolsv.exe	NORMAL	Win32
1508	C:\Programmi\IBM\ServeRAID Ma...	NORMAL	Win32
1532	C:\PROGRAM~1\Grisoft\AVG7\avg...	NORMAL	Win32
1556	C:\PROGRAM~1\Grisoft\AVG7\avg...	NORMAL	Win32
1592	C:\PROGRAM~1\Grisoft\AVG7\avg...	NORMAL	Win32

The output can be sorted and adjusted as explained in chapter “[4.4.1 Device Drivers](#)”.

4.6 Memory Information

In the “Memory Information” section data on “Memory Statistics” can be reviewed such as how much memory is installed and how it is used.

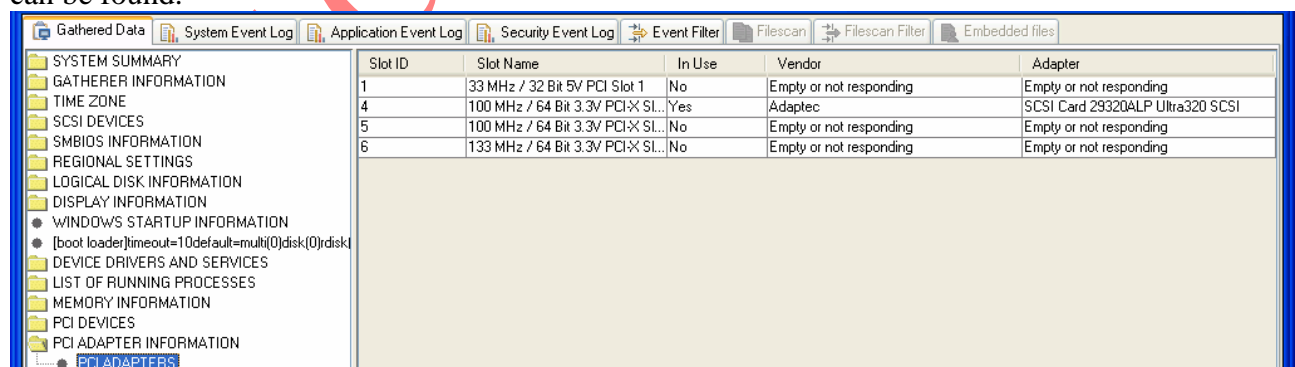


Type	Load	Total	Total (bytes)	Free	Free (bytes)	Used	Used (bytes)
Memory	70%	2.100 GB	3220488192	901 MB	945127424	2.12 GB	2275360768
Swap	29%	6.85 GB	7353012224	4.85 GB	5208137728	1.100 GB	2144874496

The output can be sorted and adjusted as explained in chapter “[4.4.1 Device Drivers](#)”.

4.7 PCI Adapter Information

In the “PCI Adapter Information” under “PCI Adapters” all installed PCI cards and slot information can be found.



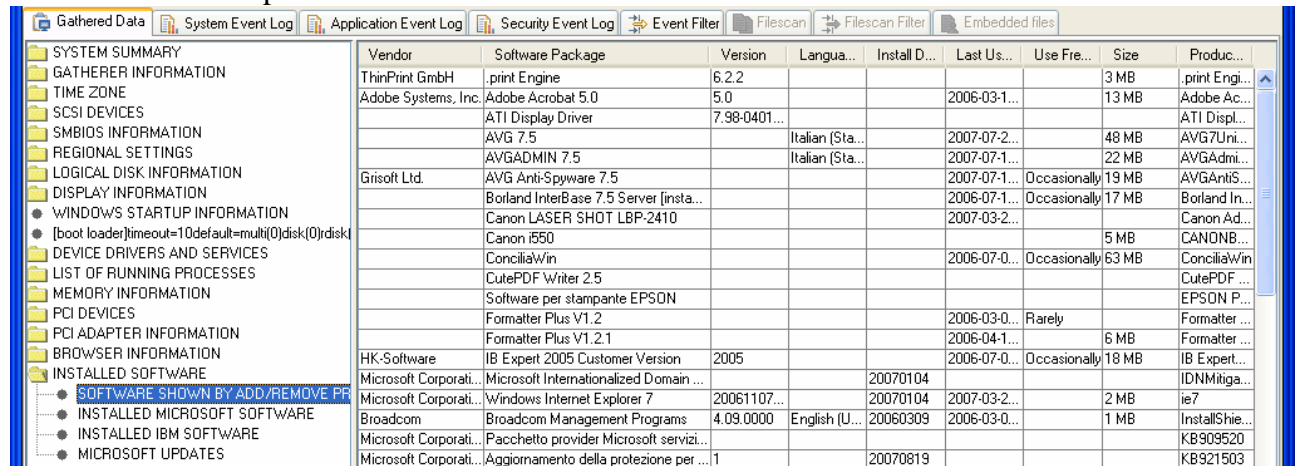
Slot ID	Slot Name	In Use	Vendor	Adapter
1	33 MHz / 32 Bit 5V PCI Slot 1	No	Empty or not responding	Empty or not responding
4	100 MHz / 64 Bit 3.3V PCI-X SL...	Yes	Adaptec	SCSI Card 29320ALP Ultra320 SCSI
5	100 MHz / 64 Bit 3.3V PCI-X SL...	No	Empty or not responding	Empty or not responding
6	133 MHz / 64 Bit 3.3V PCI-X SL...	No	Empty or not responding	Empty or not responding

The output can be sorted and adjusted as explained in chapter “[4.4.1 Device Drivers](#)”.

4.8 Installed Software

In the “Installed Software” section all software can be seen, that is also listed in the Windows “Add or Remove Programs” Control Panel applet. In this view entries can also be viewed as follows:

- Software Shown By Add / Remove Programs
- Installed Microsoft Software
- Installed IBM Software
- Microsoft Updates



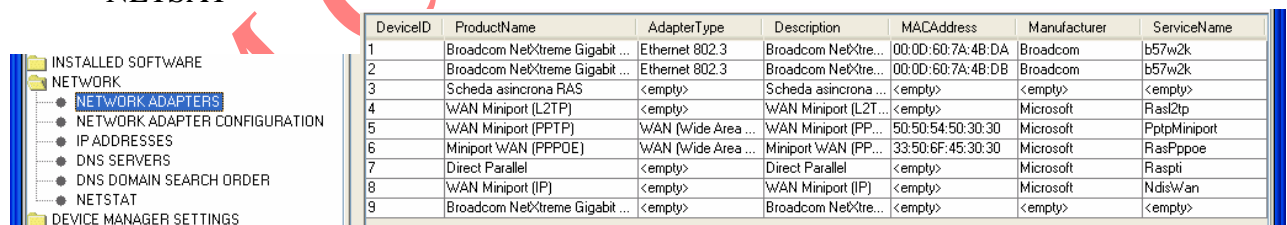
Vendor	Software Package	Version	Language	Install Date	Last Used	Use Frequency	Size	Product Name
ThinPrint GmbH	.print Engine	6.2.2					3 MB	.print Engi...
Adobe Systems, Inc.	Adobe Acrobat 5.0	5.0			2006-03-1...		13 MB	Adobe Ac...
	ATI Display Driver	7.98-0401...						ATI Displ...
	AVG 7.5		Italian (Sta...		2007-07-2...		48 MB	AVG7Uni...
	AVGADMIN 7.5		Italian (Sta...		2007-07-1...		22 MB	AVGAdmi...
Grisoft Ltd.	AVG Anti-Spyware 7.5				2007-07-1...	Occasionally	19 MB	AVGAntiS...
	Borland InterBase 7.5 Server (insta...				2006-07-1...	Occasionally	17 MB	Borland In...
	Canon LASER SHOT LBP-2410				2007-03-2...			Canon Ad...
	Canon i550						5 MB	CANONB...
	ConciliaWin				2006-07-0...	Occasionally	63 MB	ConciliaWin
	CutePDF Writer 2.5							CutePDF ...
	Software per stampante EPSON							EPSON P...
	Formatter Plus V1.2				2006-03-0...	Rarely		Formatter ...
	Formatter Plus V1.2.1				2006-04-1...		6 MB	Formatter ...
HK-Software	IB Expert 2005 Customer Version	2005						IB Expert...
Microsoft Corporati...	Microsoft Internationalized Domain ...			20070104				IDNMitiga...
Microsoft Corporati...	Windows Internet Explorer 7	20061107...		20070104	2007-03-2...		2 MB	ie7
Broadcom	Broadcom Management Programs	4.09.0000	English (U...	20060309	2006-03-0...		1 MB	InstallShie...
Microsoft Corporati...	Pacchetto provider Microsoft servizi...							KB909520
Microsoft Corporati...	Aggiornamento della protezione per ...	1		20070819				KB921503

The output can be sorted and adjusted as explained in chapter [“4.4.1 Device Drivers”](#).

4.9 Network

In the “Network” section information on all installed Network Adapters can be reviewed. The following views are also available:

- Network Adapters
- Network Adapter Configuration
- IP Addresses
- DNS Servers
- DNS Domain Search Order
- NETSAT

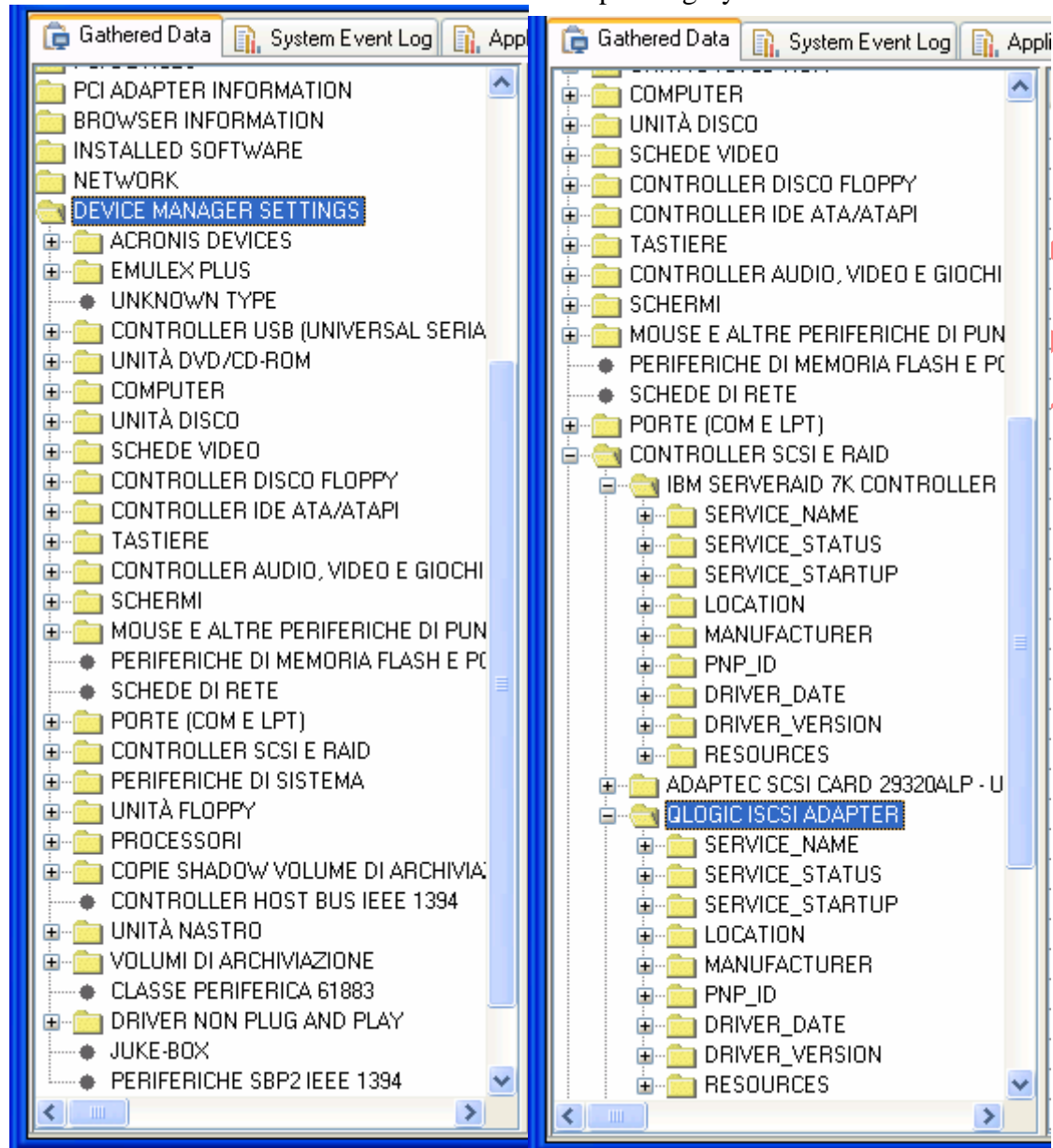


DeviceID	ProductName	AdapterType	Description	MACAddress	Manufacturer	ServiceName
1	Broadcom NetXtreme Gigabit ...	Ethernet 802.3	Broadcom NetXtreme...	00:0D:60:7A:4B:DA	Broadcom	b57w2k
2	Broadcom NetXtreme Gigabit ...	Ethernet 802.3	Broadcom NetXtreme...	00:0D:60:7A:4B:DB	Broadcom	b57w2k
3	Scheda asincrona RAS	<empty>	Scheda asincrona ...	<empty>	<empty>	<empty>
4	WAN Miniport (L2TP)	<empty>	WAN Miniport (L2T...	<empty>	Microsoft	Rasl2tp
5	WAN Miniport (PPTP)	WAN (Wide Area ...	WAN Miniport (PP...	50:50:54:50:30:30	Microsoft	PptpMiniport
6	Miniport WAN (PPPOE)	WAN (Wide Area ...	Miniport WAN (PP...	33:50:6F:45:30:30	Microsoft	RasPppoe
7	Direct Parallel	<empty>	Direct Parallel	<empty>	Microsoft	Raspli
8	WAN Miniport (IP)	<empty>	WAN Miniport (IP)	<empty>	Microsoft	NdisWan
9	Broadcom NetXtreme Gigabit ...	<empty>	Broadcom NetXtreme...	<empty>	<empty>	<empty>

The output can be sorted and adjusted as explained in chapter [“4.4.1 Device Drivers”](#).

4.10 Device Manager Settings

In the “Device Manager Settings” detailed information on installed hardware devices can be retrieved. The information is based on how the Operating System sees the hardware.

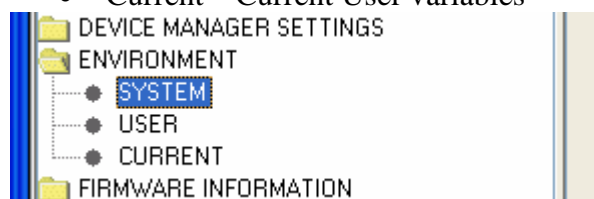


The output can be sorted and adjusted as explained in chapter “[4.4.1 Device Drivers](#)”.

4.11 Environment

The “Environment” view allows to view information on the system’s environment variables. Additional views are:

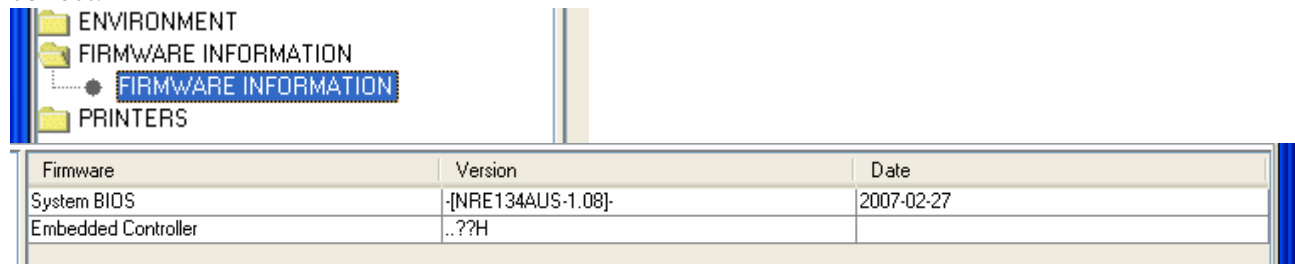
- System – System variables
- User – User variables
- Current – Current User variables



The output can be sorted and adjusted as explained in chapter “[4.4.1 Device Drivers](#)”.

4.12 Firmware

The “Firmware” section gives a brief overview of the firmware levels that eGatherer was able to collect.



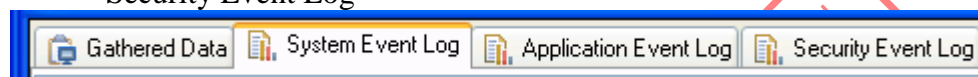
Firmware	Version	Date
System BIOS	[-NRE134AUS-1.08]-	2007-02-27
Embedded Controller	..??H	

The output can be sorted and adjusted as explained in chapter “[4.4.1 Device Drivers](#)”.

5 Windows Event Viewer

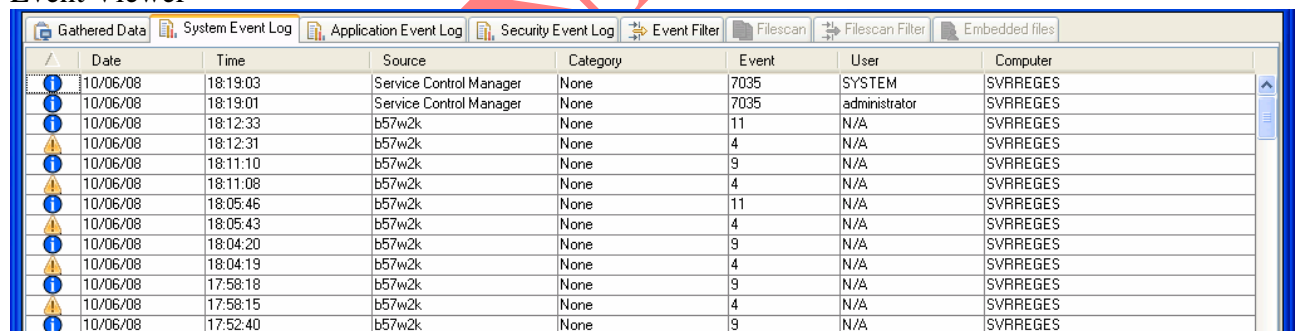
Per default eGatherer collects all output from the Windows Event Logs. As in Windows the following Event information is collected:

- System Event Log
- Application Event Log
- Security Event Log



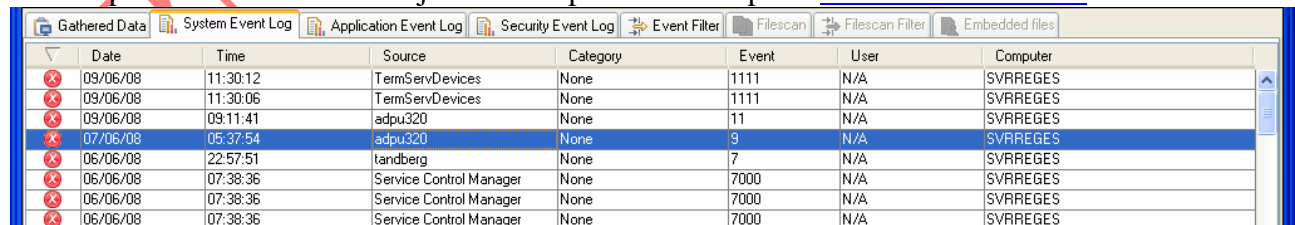
5.1 Using the Event Log Viewer

This section discusses the Event Viewers by using the “System Event Log” as an example. After clicking on the “System Event Log” the output will be quite similar to the original Windows Event Viewer



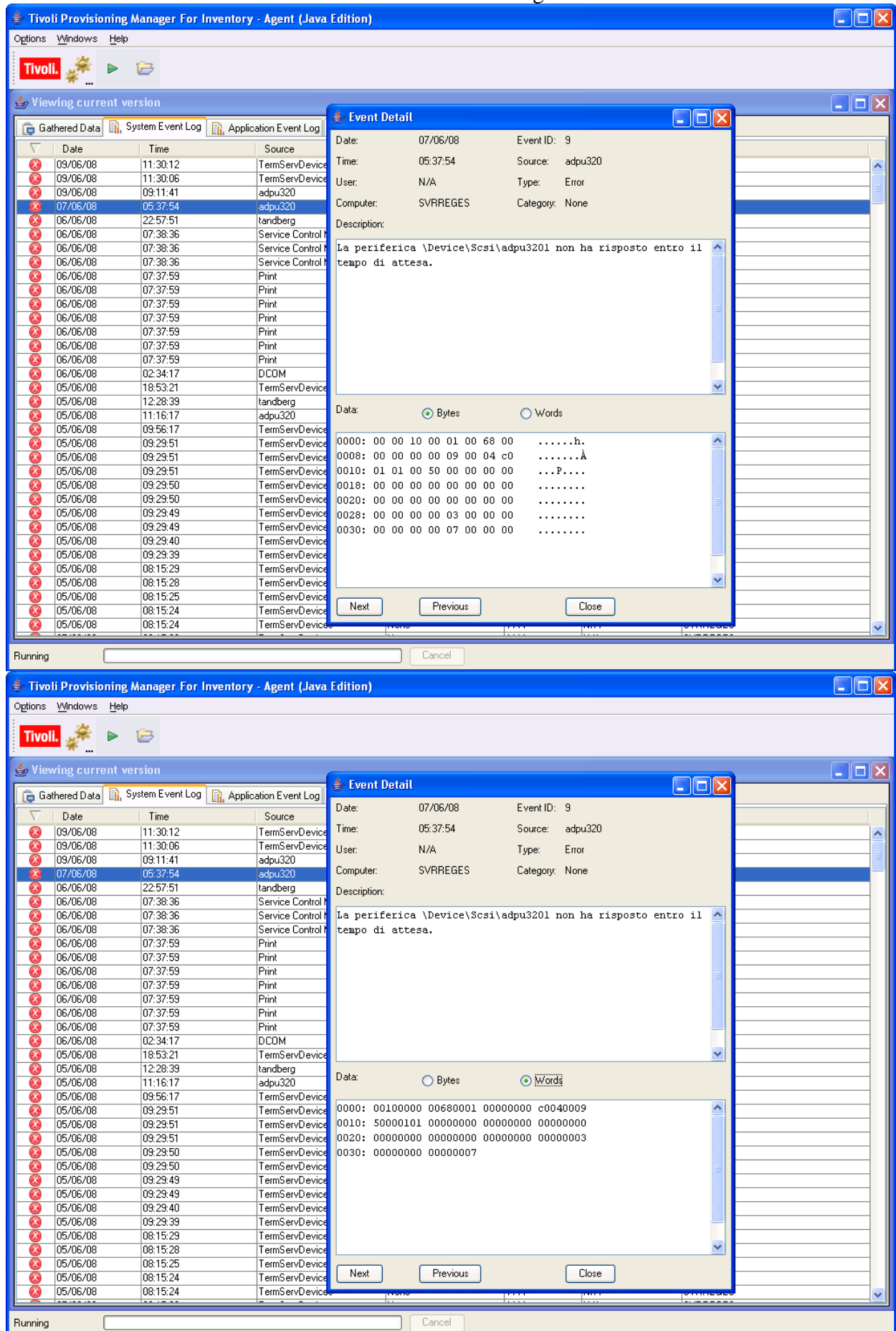
Date	Time	Source	Category	Event	User	Computer
10/06/08	18:19:03	Service Control Manager	None	7035	SYSTEM	SVRREGES
10/06/08	18:19:01	Service Control Manager	None	7035	administrator	SVRREGES
10/06/08	18:12:33	b57w2k	None	11	N/A	SVRREGES
10/06/08	18:12:31	b57w2k	None	4	N/A	SVRREGES
10/06/08	18:11:10	b57w2k	None	9	N/A	SVRREGES
10/06/08	18:11:08	b57w2k	None	4	N/A	SVRREGES
10/06/08	18:05:46	b57w2k	None	11	N/A	SVRREGES
10/06/08	18:05:43	b57w2k	None	4	N/A	SVRREGES
10/06/08	18:04:20	b57w2k	None	9	N/A	SVRREGES
10/06/08	18:04:19	b57w2k	None	4	N/A	SVRREGES
10/06/08	17:58:18	b57w2k	None	9	N/A	SVRREGES
10/06/08	17:58:15	b57w2k	None	4	N/A	SVRREGES
10/06/08	17:52:40	b57w2k	None	9	N/A	SVRREGES

The output can be sorted and adjusted as explained in chapter “[4.4.1 Device Drivers](#)”.



Date	Time	Source	Category	Event	User	Computer
09/06/08	11:30:12	TermServDevices	None	1111	N/A	SVRREGES
09/06/08	11:30:06	TermServDevices	None	1111	N/A	SVRREGES
09/06/08	09:11:41	adpu320	None	11	N/A	SVRREGES
07/06/08	05:37:54	adpu320	None	9	N/A	SVRREGES
06/06/08	22:57:51	landberg	None	7	N/A	SVRREGES
06/06/08	07:38:36	Service Control Manager	None	7000	N/A	SVRREGES
06/06/08	07:38:36	Service Control Manager	None	7000	N/A	SVRREGES
06/06/08	07:38:36	Service Control Manager	None	7000	N/A	SVRREGES

Double clicking on an Event Log entry will open up a pop up window similarly as in the original Windows Event Viewer – which also behaves like the original.



5.2 Event Filter

The “Event Filter” tool allows to search through the Event Logs and display only those entries that are of interest.

The screenshot shows the 'Event Filter' window in the Tivoli Provisioning Manager. The 'General' tab is active, showing search criteria for Message, Category, User Name, and Source, all set to 'And Containing'. There are also date and time search options, event type search, and filter options. The 'Run Filter' button is visible at the bottom.

When searching for a specific entry – e.g. the Event Source – it is important to note that in the search field the entry has to be typed in exactly as seen in the relevant Event Log Viewer.

5.2.1 Searching for an entry

As example all entries against a U320 Adapter are to be listed. The System Event Log shows:

	Date	Time	Source
✗	09/06/08	11:30:12	TermServDevices
✗	09/06/08	11:30:06	TermServDevices
✗	09/06/08	09:11:41	adpu320
✗	07/06/08	05:37:54	adpu320
✗	06/06/08	22:57:51	tandberg

Which means that in the Event Filter tool the following entries have to be made as a minimum:

General

Message : Contains

Category: And Containing

User Name: And Containing

Source: And Containing adpu320

Enable Event Type Search

Event ID:

Errors Warnings Information

Filter Options

Show Matches Show Non-Matches

Apply To

System Event Log Application Event Log Security Event Log

After all search information has been entered, click on the “Run” button in order to display the search results:

Tivoli Provisioning Manager For Inventory - Agent (Java Edition)

Options Windows Help

Tivoli

Viewing current version

Gathered Data System Event Log Application Event Log Security Event Log Event Filter Filescan Filescan Filter Embedded files

General

Message : Contains

Category: And Containing

User Name: And Containing

Source: And Containing adpu320

Enable Date / Time Search

From Date / Time

To Date / Time

Time of Day: 09:23:13

Time of Day: 09:23:13

Filter Options

Show Matches Show Non-Matches

Apply To

System Event Log Application Event Log Security Event Log

Actions

Load Filter Save Filter Run Filter

Running

Cancel

The result may look as follows:

Date	Time	Source	Category	Event	User	Computer
05/06/08	11:16:17	adpu320	None	11	N/A	SVRREGES
07/06/08	05:37:54	adpu320	None	9	N/A	SVRREGES
09/06/08	09:11:41	adpu320	None	11	N/A	SVRREGES

The output can be sorted and adjusted as explained in chapter “[4.4.1 Device Drivers](#)”.

5.2.2 Clearing search results

In order to clear any search results and to return to the original output, clear all fields and untick all boxes ticked when searching for an entry. However keep the Event Type box ticked as in the previous search, then click on the “Run” button:

Tivoli Provisioning Manager For Inventory - Agent (Java Edition)

Options Windows Help

Viewing current version

Gathered Data System Event Log Application Event Log Security Event Log **Event Filter** Filescan Filescan Filter Embedded files

General

Message: Contains Phrase
Category: And Containing Phrase
User Name: And Containing Phrase
Source: And Containing Phrase

☐ Enable Date / Time Search

From Date / Time To Date / Time

< Year < Month 27-Jun-2008 Month > Year >

Mon	Tue	Wed	Thu	Fri	Sat	Sun
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6

Time of Day: 09:23:13

☐ Enable Event Type Search

Event ID: Errors Warnings Information Audit Successes Audit Failures

Filter Options Apply To

☒ Show Matches ☐ Show Non-Matches

☒ System Event Log ☐ Application Event Log ☐ Security Event Log

Actions

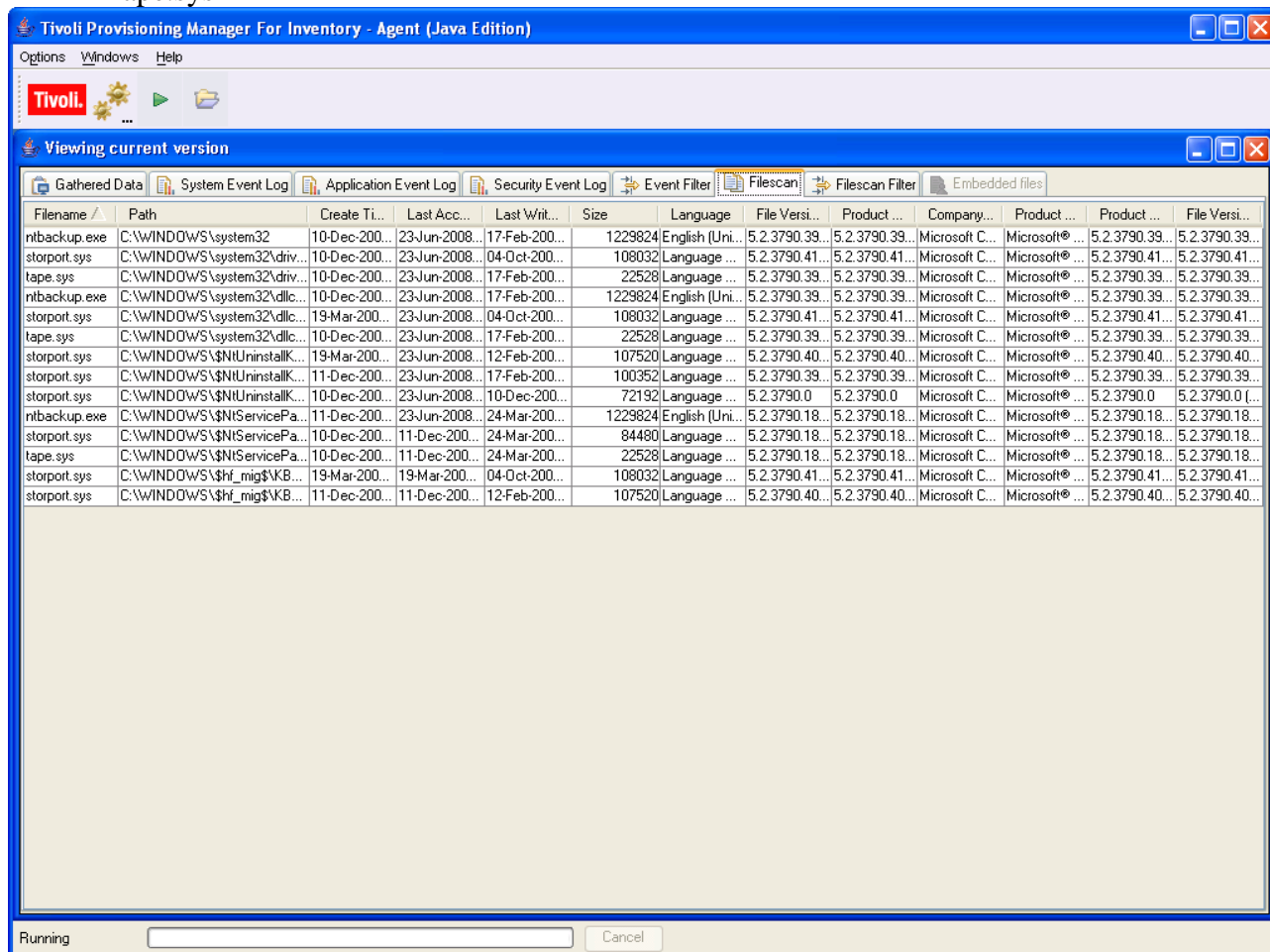
Load Filter Save Filter **Run Filter**

Running Cancel

6 “File Scan” and “File Scan Filter”

Under “File Scan” the viewer will list all files for which the eGatherer tool has searched on a host server. The current eGatherer version searches on Windows host systems for these files:

- Storport.sys
- Ntbackup.exe
- Tape.sys



The screenshot shows the Tivoli Provisioning Manager For Inventory - Agent (Java Edition) window. The 'Viewing current version' tab is active, displaying a table of file scan results. The table has columns for Filename, Path, Create Time, Last Access, Last Write, Size, Language, File Version, Product, Company, and Product Version. The results are sorted by filename, showing files like ntbackup.exe, storport.sys, and tape.sys. A large red 'IBM' watermark is visible across the bottom half of the image.

Filename	Path	Create Ti...	Last Acc...	Last Writ...	Size	Language	File Versi...	Product ...	Company...	Product ...	Product ...	File Versi...
ntbackup.exe	C:\WINDOWS\system32\...	10-Dec-200...	23-Jun-2008...	17-Feb-200...	1229824	English (Uni...	5.2.3790.39...	5.2.3790.39...	Microsoft C...	Microsoft® ...	5.2.3790.39...	5.2.3790.39...
storport.sys	C:\WINDOWS\system32\driv...	10-Dec-200...	23-Jun-2008...	04-Oct-200...	108032	Language ...	5.2.3790.41...	5.2.3790.41...	Microsoft C...	Microsoft® ...	5.2.3790.41...	5.2.3790.41...
tape.sys	C:\WINDOWS\system32\driv...	10-Dec-200...	23-Jun-2008...	17-Feb-200...	22528	Language ...	5.2.3790.39...	5.2.3790.39...	Microsoft C...	Microsoft® ...	5.2.3790.39...	5.2.3790.39...
ntbackup.exe	C:\WINDOWS\system32\dlc...	10-Dec-200...	23-Jun-2008...	17-Feb-200...	1229824	English (Uni...	5.2.3790.39...	5.2.3790.39...	Microsoft C...	Microsoft® ...	5.2.3790.39...	5.2.3790.39...
storport.sys	C:\WINDOWS\system32\dlc...	19-Mar-200...	23-Jun-2008...	04-Oct-200...	108032	Language ...	5.2.3790.41...	5.2.3790.41...	Microsoft C...	Microsoft® ...	5.2.3790.41...	5.2.3790.41...
tape.sys	C:\WINDOWS\system32\dlc...	10-Dec-200...	23-Jun-2008...	17-Feb-200...	22528	Language ...	5.2.3790.39...	5.2.3790.39...	Microsoft C...	Microsoft® ...	5.2.3790.39...	5.2.3790.39...
storport.sys	C:\WINDOWS\NtUninstallK...	19-Mar-200...	23-Jun-2008...	12-Feb-200...	107520	Language ...	5.2.3790.40...	5.2.3790.40...	Microsoft C...	Microsoft® ...	5.2.3790.40...	5.2.3790.40...
storport.sys	C:\WINDOWS\NtUninstallK...	11-Dec-200...	23-Jun-2008...	17-Feb-200...	100352	Language ...	5.2.3790.39...	5.2.3790.39...	Microsoft C...	Microsoft® ...	5.2.3790.39...	5.2.3790.39...
storport.sys	C:\WINDOWS\NtUninstallK...	10-Dec-200...	23-Jun-2008...	10-Dec-200...	72192	Language ...	5.2.3790.0	5.2.3790.0	Microsoft C...	Microsoft® ...	5.2.3790.0	5.2.3790.0 [...]
ntbackup.exe	C:\WINDOWS\NtServicePa...	11-Dec-200...	23-Jun-2008...	24-Mar-200...	1229824	English (Uni...	5.2.3790.18...	5.2.3790.18...	Microsoft C...	Microsoft® ...	5.2.3790.18...	5.2.3790.18...
storport.sys	C:\WINDOWS\NtServicePa...	10-Dec-200...	11-Dec-200...	24-Mar-200...	84480	Language ...	5.2.3790.18...	5.2.3790.18...	Microsoft C...	Microsoft® ...	5.2.3790.18...	5.2.3790.18...
tape.sys	C:\WINDOWS\NtServicePa...	10-Dec-200...	11-Dec-200...	24-Mar-200...	22528	Language ...	5.2.3790.18...	5.2.3790.18...	Microsoft C...	Microsoft® ...	5.2.3790.18...	5.2.3790.18...
storport.sys	C:\WINDOWS\NtServicePa...	19-Mar-200...	19-Mar-200...	04-Oct-200...	108032	Language ...	5.2.3790.41...	5.2.3790.41...	Microsoft C...	Microsoft® ...	5.2.3790.41...	5.2.3790.41...
storport.sys	C:\WINDOWS\NtServicePa...	11-Dec-200...	11-Dec-200...	12-Feb-200...	107520	Language ...	5.2.3790.40...	5.2.3790.40...	Microsoft C...	Microsoft® ...	5.2.3790.40...	5.2.3790.40...

The output can be sorted and adjusted as explained in chapter “[4.4.1 Device Drivers](#)”.

Under “File Scan Filter” a search for a specific file can be performed. The function is similar to the “Event Filter”.

The screenshot shows the 'File Scan Filter' dialog box within the 'Tivoli Provisioning Manager For Inventory - Agent (Java Edition)' application. The dialog has a menu bar with 'Options', 'Windows', and 'Help'. Below the menu bar is a toolbar with icons for 'Gathered Data', 'System Event Log', 'Application Event Log', 'Security Event Log', 'Event Filter', 'Filescan', 'Filescan Filter' (which is the active tab), and 'Embedded files'.

The 'General' tab is selected, showing various filter criteria:

- FileName: Contains [text box] Phrase [dropdown]
- Path: And Containing [text box] Phrase [dropdown]
- Size between: And Containing [text box] 0 And: 9,223,372,036,854,775,807 [text box]
- File Version: And Containing [text box] Phrase [dropdown]
- Product Version: And Containing [text box] Phrase [dropdown]
- Company Name: And Containing [text box] Phrase [dropdown]
- Product Name: And Containing [text box] Phrase [dropdown]
- Product Version 2: And Containing [text box] Phrase [dropdown]
- File Version 2: And Containing [text box] Phrase [dropdown]
- Language: And Containing [text box] Phrase [dropdown]

Below these fields is a checkbox for 'Enable Date / Time Filter'. Under this checkbox are three tabs: 'Create Time', 'Last Access Time', and 'Last Modified Time'. The 'Create Time' tab is active, showing two calendar views:

- Created From:** 27-Jun-2008. The calendar shows dates from 26 to 30. The 27th is highlighted.
- Created Until:** 27-Jun-2008. The calendar shows dates from 26 to 30. The 27th is highlighted.

Below the calendars are two 'Time of Day' fields, both set to 10:01:27.

At the bottom, there is a 'Filter Options' section with two radio buttons: 'Filter Matches' (which is selected) and 'Filter non-Matches'.

The dialog box has a 'Running' status bar at the bottom with a 'Cancel' button.

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