

Product Comparison Maritime Antivirus Sophos Maritime Antivirus, The Port-IT Antivirus solution based on ESET NOD32

In the maritime industry there are currently two Antivirus products that both say they deliver a custom made product for the maritime industry. One product is Sophos that is used by larger airtime providers such as Globe Wirless, Vizada, Stratos Global etc. The other product is the Port-IT Antivirus solution based on ESET NOD32.

As there are already numerous testing reports of both product detection ratio where NOD32 scores better then Sophos we will not go any further into this details. Such reports can be found on independent testing sites as Forbes (has chosen ESET as best product of 2009), Virusbulletin and AV-comperatives. During this comparison we will look at one of the main feature both products claim to have- small update sizes.

During this test we had a vessel using the communication software of a large airtime provider and the Sophos Antivirus solution. After one month we have examined the received amount of data and calculated this in a sheet. We also did a full system scan after one month with the Port-IT Antivirus software NOD32 as the vessel was running Sophos in a on access mode. Below you will find the outcome of our findings.



WWW.PORT-IT.NL

Update sizes

One of the most important features for the Maritime industry is heaving small updates for a Antivirus solution. A antivirus product should have a perfect detection ratio for viruses but in the maritime industry updates for antivirus software are downloaded via satellite and satellite costs are expensive. So small updates for a antivirus program will be the prefer method on the other side detection capabilities of the antivirus software must not degrade threow those smaller updates. If we compare the update size from Sophos and from the Port-IT Antivirus solution in the month of October we will see below charts:

Comparison 5-10-2009 to 29-10-2009

Total data amount per day Sophos in KB		Total data amount per day Port-IT in KB	
	5-10-2009	147	23
	6-10-2009	150	23
	7-10-2009	476	23
	8-10-2009	332	23
	9-10-2009	352	23
	10-10-2009	297	23
Total per week	1754	138	
	11-10-2009	119	42
	12-10-2009	290	42
	13-10-2009	329	42
	14-10-2009	461	42
	15-10-2009	295	42
	16-10-2009	197	42
	17-10-2009	333	42
Total per week	2024	293	
	18-10-2009	283	95
	19-10-2009	386	95
	20-10-2009	293	95
	21-10-2009	321	95
	22-10-2009	312	95
	23-10-2009	95	95
	24-10-2009	29	95
Total per week	1719	666	
	25-10-2009	9	132
	26-10-2009	23	132
	27-10-2009	1230	132
	28-10-2009	726	132
	29-10-2009	396	132
	30-10-2009	175	132
Total per week	2559	792	
Total in 4 weeks	8056	1889	
Average per 1 weeks	2116,75	539,5	

In above overview we can see that Sophos generates larger updates than the Port-IT ESET solution. Sophos providers claim the beneficial property that the Sophos system has small daily provided updates, and that is true, however the number of small daily updates is 5 average on one single day resulting in high airtime usage. In above schema we can see that the difference between Sophos and the Port-IT NOD32 solution is more than 6MB each month. Besides that the Port-IT solution doesn't have the need of any additional CDs so the number is a hard figure. For the Sophos solution that is used by the larger airtime vendors additional CDs with engine updates are needed so those cost will also be added. If we do a calculation based on MPDS with a MPDS rate of 23USD per MB the picture looks like below:

Costs when using MPDS based on a rate of

		23 USD per MB
Airtime costs	Sophos	Port-IT based on ESET
MPDS	184 USD	44 USD

Total savings per month on direct airtime 140 USD per month when using MPDS

If we take this month as an average data month and October was a HIGH data month for Port-IT the direct cost savings

on direct airtime are **1684** USD per year based on MPDS

For example if you have a fleet of 50 vessels running the Port-IT Antivirus solution your direct airtime costs savings for the month October would have been **7000 USD!** The totals savings per year would have been **84.200 USD!** If you were using MPDS for your email transfer

Besides the direct airtime savings you will save on

- employee costs to make all the CDs for you fleet
- shipping costs for sending the CDs
- employee costs to make manuals on how to instruct captain to install the Sophos Engine update
- Keeping track of the Antivirus installation onboard your vessels

If you are using another method of communication such as Fleetbroadband or ISDN use our provided Excel sheet to see what the difference is and what you can save.

All calculations are taken from actual vessel data in live operations environments nevertheless below screenshots display the sizes of all updates received in October. Please feel free to redo the calculation and draw independent conclusions. It doesn't matter what email client you are using the update size will stay the same. Larger airtime vendors all use the same Sophos solution so none of them is better.

We are happy to provide the same update size overview over the last year for the Port-IT Antivirus solution to compare.

AmosConnect [acav]

File Edit Message Remote Tools Setup Window Help

New Reply R-All Forwrd Print Move Delete Address Find Filter Help Next

Address	Subject	Size	Message	Date
acav.internal@amosconnect.com	Sophos IDE Update for zbot-jb.ide	109KB	5468	13/10/2009 09:38
acav.internal@amosconnect.com	Sophos IDE Update for zbot-iv.ide	57KB	5467	12/10/2009 22:22
acav.internal@amosconnect.com	Sophos IDE Update for rimecu-b.ide	76KB	5466	12/10/2009 16:30
acav.internal@amosconnect.com	Sophos IDE Update for zipcar-e.ide	40KB	5465	12/10/2009 16:29
acav.internal@amosconnect.com	Sophos IDE Update for agen-lkm.ide	26KB	5464	12/10/2009 09:23
acav.internal@amosconnect.com	Sophos IDE Update for zbot-iu.ide	39KB	5463	12/10/2009 09:23
acav.internal@amosconnect.com	Sophos IDE Update for bancdl-e.ide	52KB	5462	12/10/2009 08:56
acav.internal@amosconnect.com	Sophos IDE Update for auto-ast.ide	14KB	5461	11/10/2009 14:28
acav.internal@amosconnect.com	Sophos IDE Update for fake-a-qp.ide	50KB	5460	11/10/2009 08:16
acav.internal@amosconnect.com	Sophos IDE Update for hiloti-h.ide	55KB	5459	11/10/2009 05:21
acav.internal@amosconnect.com	Sophos IDE Update for fake-afe.ide	90KB	5458	10/10/2009 18:48
acav.internal@amosconnect.com	Sophos IDE Update for pws-ben.ide	27KB	5457	10/10/2009 16:07
acav.internal@amosconnect.com	Sophos IDE Update for pdfjs-ds.ide	46KB	5456	10/10/2009 10:33
acav.internal@amosconnect.com	Sophos IDE Update for swfdlr-q.ide	57KB	5455	10/10/2009 08:23
acav.internal@amosconnect.com	Sophos IDE Update for pdload-a.ide	77KB	5454	10/10/2009 08:19
acav.internal@amosconnect.com	Sophos IDE Update for agen-lka.ide	19KB	5453	09/10/2009 19:40
acav.internal@amosconnect.com	Sophos IDE Update for drop-dz.ide	54KB	5451	09/10/2009 16:05
acav.internal@amosconnect.com	Sophos IDE Update for vbinje-k.ide	39KB	5450	09/10/2009 12:47
acav.internal@amosconnect.com	Sophos IDE Update for bank-euo.ide	32KB	5447	09/10/2009 10:12
acav.internal@amosconnect.com	Sophos IDE Update for fake-afb.ide	40KB	5446	09/10/2009 07:09
acav.internal@amosconnect.com	Sophos IDE Update for sasfis-a.ide	81KB	5445	09/10/2009 07:02
acav.internal@amosconnect.com	Sophos IDE Update for agen-ljr.ide	87KB	5444	09/10/2009 06:57
acav.internal@amosconnect.com	Sophos IDE Update for pdfex-ce.ide	86KB	5443	08/10/2009 19:25
acav.internal@amosconnect.com	Sophos IDE Update for agen-ljn.ide	59KB	5442	08/10/2009 15:49
acav.internal@amosconnect.com	Sophos IDE Update for alure-e.ide	42KB	5439	08/10/2009 09:38
acav.internal@amosconnect.com	Sophos IDE Update for zbot-iq.ide	33KB	5438	08/10/2009 09:23
acav.internal@amosconnect.com	Sophos IDE Update for fake-aej.ide	112KB	5437	08/10/2009 09:23
acav.internal@amosconnect.com	Sophos IDE Update for dloa-cvd.ide	95KB	5436	07/10/2009 22:08
acav.internal@amosconnect.com	Sophos IDE Update for zbot-ip.ide	25KB	5435	07/10/2009 22:07
acav.internal@amosconnect.com	Sophos IDE Update for spy-dy.ide	54KB	5434	07/10/2009 16:10
acav.internal@amosconnect.com	Sophos IDE Update for agen-lje.ide	73KB	5433	07/10/2009 12:41
acav.internal@amosconnect.com	Sophos IDE Update for fake-aev.ide	46KB	5432	07/10/2009 09:08
acav.internal@amosconnect.com	Sophos IDE Update for zbot-io.ide	47KB	5431	07/10/2009 09:06
acav.internal@amosconnect.com	Sophos IDE Update for fakere-e.ide	136KB	5430	07/10/2009 09:01
acav.internal@amosconnect.com	Sophos IDE Update for agen-ly.ide	64KB	5429	06/10/2009 22:04
acav.internal@amosconnect.com	Sophos IDE Update for fake-aer.ide	16KB	5428	06/10/2009 16:29
acav.internal@amosconnect.com	Sophos IDE Update for killba-c.ide	13KB	5425	06/10/2009 13:14
acav.internal@amosconnect.com	Sophos IDE Update for vb-ejc.ide	13KB	5424	06/10/2009 09:53
acav.internal@amosconnect.com	Sophos IDE Update for fake-aeq.ide	13KB	5423	06/10/2009 09:13
acav.internal@amosconnect.com	Sophos IDE Update for banc-bgf.ide	28KB	5422	06/10/2009 09:12
acav.internal@amosconnect.com	Sophos IDE Update for vb-eja.ide	16KB	5421	06/10/2009 09:08
acav.internal@amosconnect.com	Sophos IDE Update for agen-liw.ide	24KB	5420	05/10/2009 23:06
acav.internal@amosconnect.com	Sophos IDE Update for zbot-il.ide	50KB	5416	05/10/2009 20:05
acav.internal@amosconnect.com	Sophos IDE Update for kolab-d.ide	12KB	5413	05/10/2009 09:52
acav.internal@amosconnect.com	Sophos IDE Update for drop-dw.ide	61KB	5412	05/10/2009 09:05
acav.internal@amosconnect.com	Sophos IDE Update for fake-ael.ide	15KB	5411	04/10/2009 19:34
acav.internal@amosconnect.com	Sophos IDE Update for vb-eiw.ide	47KB	5410	04/10/2009 12:52

Common System folders API messages acav

Ready 752 Messages 03/11/2009 22:13 +0330

This screen has been Anonymized as this data was taken from a live vessel setup

AmosConnect [acav]

File Edit Message Remote Tools Setup Window Help

New Reply R-All Forward Print Move Delete Address Find Filter Help Next

This screen has been Anonymized as this data was taken from a live vessel setup

	Address	Subject	Size	Message	Date
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for dnschg-a.ide	48KB	5527	21/10/2009 15:42
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for dldr-cb.ide	79KB	5526	21/10/2009 13:13
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for voter-f.ide	29KB	5525	21/10/2009 08:13
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for agen-lmx.ide	73KB	5524	21/10/2009 04:44
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for gpcode-e.ide	92KB	5523	21/10/2009 04:39
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for renos-dy.ide	70KB	5521	20/10/2009 18:56
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for zipmal-b.ide	45KB	5520	20/10/2009 16:05
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for dloa-cvs.ide	19KB	5516	20/10/2009 10:01
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for docdro-n.ide	24KB	5515	20/10/2009 09:15
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for fake-af0.ide	46KB	5514	20/10/2009 09:15
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for litis-a.ide	89KB	5513	20/10/2009 09:10
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for harmi-bz.ide	63KB	5511	19/10/2009 20:04
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for dloa-cvr.ide	54KB	5509	19/10/2009 16:33
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for start-cj.ide	44KB	5508	19/10/2009 10:04
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for mdro-cgx.ide	99KB	5507	19/10/2009 10:03
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for start-ci.ide	126KB	5506	19/10/2009 09:57
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for bank-eus.ide	93KB	5505	18/10/2009 18:59
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for tdss-bh.ide	86KB	5504	18/10/2009 10:04
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for bredo-m.ide	104KB	5503	18/10/2009 10:02
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for ircb-afr.ide	69KB	5502	17/10/2009 19:43
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for vbinje-m.ide	46KB	5501	17/10/2009 11:03
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for vbinje-l.ide	69KB	5500	17/10/2009 11:03
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for dloa-cvp.ide	83KB	5499	17/10/2009 10:58
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for dloa-cvo.ide	66KB	5498	17/10/2009 10:56
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for lnkzip-b.ide	61KB	5496	16/10/2009 15:51
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for dwnl-hxo.ide	40KB	5495	16/10/2009 12:52
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for xed-b.ide	1KB	5494	16/10/2009 12:40
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for pws-bex.ide	41KB	5493	16/10/2009 08:44
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for psyme-ks.ide	67KB	5492	16/10/2009 08:43
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for fake-afm.ide	87KB	5491	16/10/2009 08:38
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for buzus-bk.ide	69KB	5490	15/10/2009 23:18
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for fakev-pk.ide	68KB	5489	15/10/2009 16:09
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for agen-lkz.ide	1KB	5488	15/10/2009 13:39
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for pdfjs-ea.ide	43KB	5487	15/10/2009 13:39
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for psw-hh.ide	55KB	5486	15/10/2009 13:38
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for bckd-qzo.ide	59KB	5485	15/10/2009 13:37
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for agen-lj.ide	76KB	5484	14/10/2009 23:05
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for agen-ll.ide	52KB	5483	14/10/2009 23:04
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for dload-gy.ide	1KB	5482	14/10/2009 19:44
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for zbot-jj.ide	42KB	5481	14/10/2009 19:44
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for fakea-qq.ide	93KB	5480	14/10/2009 16:16
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for realbo-b.ide	55KB	5479	14/10/2009 11:31
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for downln-h.ide	34KB	5478	14/10/2009 09:35
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for agen-lky.ide	30KB	5477	14/10/2009 09:31
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for fake-afh.ide	78KB	5473	14/10/2009 09:27
<input type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for zbot-jg.ide	79KB	5472	13/10/2009 22:02
<input checked="" type="checkbox"/>	acav.internal@amosconnect.com	Sophos IDE Update for agen-lkx.ide	141KB	5471	13/10/2009 18:45

Ready 752 Messages 03/11/2009 22:13 +0330

This screen has been Anonymized as this data was taken from a live vessel setup

The screenshot displays the AmosConnect interface with a list of messages. The columns are Address, Subject, Size, Message, and Date. The messages are all from 'acav.internal@amosconnect.com' and consist of Sophos IDE updates for various identifiers. The dates range from 22/10/2009 to 30/10/2009. The status bar at the bottom indicates 'Listing Messages' and '696+ Messages' as of '03/11/2009 22:12 +0330'.

Address	Subject	Size	Message	Date
acav.internal@amosconnect.com	Sophos IDE Update for fake-agk.ide	77KB	5594	30/10/2009 08:28
acav.internal@amosconnect.com	Sophos IDE Update for zbot-ju.ide	98KB	5593	30/10/2009 08:27
acav.internal@amosconnect.com	Sophos IDE Update for zbot-jt.ide	3KB	5592	29/10/2009 23:39
acav.internal@amosconnect.com	Sophos IDE Update for imaut-f.ide	52KB	5589	29/10/2009 20:37
acav.internal@amosconnect.com	Sophos IDE Update for pdfjs-el.ide	62KB	5588	29/10/2009 14:13
acav.internal@amosconnect.com	Sophos IDE Update for ifram-de.ide	37KB	5587	29/10/2009 12:21
acav.internal@amosconnect.com	Sophos IDE Update for agen-lpk.ide	49KB	5586	29/10/2009 09:36
acav.internal@amosconnect.com	Sophos IDE Update for poiso-brn.ide	46KB	5585	29/10/2009 08:41
acav.internal@amosconnect.com	Sophos IDE Update for obfjs-d.ide	32KB	5584	29/10/2009 08:41
acav.internal@amosconnect.com	Sophos IDE Update for auto-aaa.ide	88KB	5583	29/10/2009 08:40
acav.internal@amosconnect.com	Sophos IDE Update for orbina-c.ide	90KB	5582	28/10/2009 18:20
acav.internal@amosconnect.com	Sophos IDE Update for banc-bgh.ide	120KB	5581	28/10/2009 13:02
acav.internal@amosconnect.com	Sophos IDE Update for agen-lov.ide	124KB	5580	28/10/2009 12:59
acav.internal@amosconnect.com	Sophos IDE Update for dwnl-hye.ide	134KB	5579	28/10/2009 06:46
acav.internal@amosconnect.com	Sophos IDE Update for agen-lmn.ide	110KB	5578	28/10/2009 04:42
acav.internal@amosconnect.com	Sophos IDE Update for injec-kj.ide	148KB	5577	28/10/2009 00:42
acav.internal@amosconnect.com	Sophos IDE Update for zbot-jr.ide	179KB	5573	27/10/2009 18:46
acav.internal@amosconnect.com	Sophos IDE Update for agen-lot.ide	251KB	5572	27/10/2009 16:04
acav.internal@amosconnect.com	Sophos IDE Update for fakeal-p.ide	153KB	5571	27/10/2009 13:55
acav.internal@amosconnect.com	Sophos IDE Update for swfldr-i.ide	121KB	5570	27/10/2009 10:17
acav.internal@amosconnect.com	Sophos IDE Update for zbot-jq.ide	128KB	5569	27/10/2009 10:07
acav.internal@amosconnect.com	Sophos IDE Update for bredoz-m.ide	123KB	5568	27/10/2009 10:05
acav.internal@amosconnect.com	Sophos IDE Update for zbot-jo.ide	150KB	5567	27/10/2009 09:59
acav.internal@amosconnect.com	Sophos IDE Update for meredr-c.ide	125KB	5566	27/10/2009 09:57
acav.internal@amosconnect.com	Sophos IDE Update for spybo-ou.ide	14KB	5565	26/10/2009 16:12
acav.internal@amosconnect.com	Sophos IDE Update for bredav-a.ide	4KB	5562	26/10/2009 13:30
acav.internal@amosconnect.com	Sophos IDE Update for dwnl-hxz.ide	1KB	5561	26/10/2009 10:01
acav.internal@amosconnect.com	Sophos IDE Update for bckd-qzu.ide	1KB	5560	26/10/2009 09:58
acav.internal@amosconnect.com	Sophos IDE Update for injec-kh.ide	3KB	5559	26/10/2009 09:51
acav.internal@amosconnect.com	Sophos IDE Update for swizz-qa.ide	5KB	5558	25/10/2009 21:39
acav.internal@amosconnect.com	Sophos IDE Update for agen-lna.ide	1KB	5557	25/10/2009 13:53
acav.internal@amosconnect.com	Sophos IDE Update for keyge-de.ide	1KB	5556	25/10/2009 09:38
acav.internal@amosconnect.com	Sophos IDE Update for jsredi-o.ide	2KB	5555	25/10/2009 09:16
acav.internal@amosconnect.com	Sophos IDE Update for vbinje-o.ide	4KB	5554	24/10/2009 19:36
acav.internal@amosconnect.com	Sophos IDE Update for bckd-qzs.ide	3KB	5553	24/10/2009 15:20
acav.internal@amosconnect.com	Sophos IDE Update for bredo-o.ide	13KB	5552	24/10/2009 05:40
acav.internal@amosconnect.com	Sophos IDE Update for fake-agg.ide	9KB	5551	24/10/2009 02:06
acav.internal@amosconnect.com	Sophos IDE Update for backd-au.ide	12KB	5550	23/10/2009 18:37
acav.internal@amosconnect.com	Sophos IDE Update for bckd-qzr.ide	14KB	5549	23/10/2009 15:45
acav.internal@amosconnect.com	Sophos IDE Update for spy-ef.ide	6KB	5547	23/10/2009 13:16
acav.internal@amosconnect.com	Sophos IDE Update for dldr-cc.ide	1KB	5545	23/10/2009 09:41
acav.internal@amosconnect.com	Sophos IDE Update for agen-lno.ide	9KB	5544	23/10/2009 09:25
acav.internal@amosconnect.com	Sophos IDE Update for jsred-ab.ide	40KB	5542	23/10/2009 02:24
acav.internal@amosconnect.com	Sophos IDE Update for bredo-n.ide	1KB	5543	23/10/2009 02:24
acav.internal@amosconnect.com	Sophos IDE Update for agen-lll.ide	175KB	5541	22/10/2009 19:31
acav.internal@amosconnect.com	Sophos IDE Update for ifram-dd.ide	136KB	5538	22/10/2009 15:52
acav.internal@amosconnect.com	Sophos IDE Update for bho-oc.ide	1KB	5536	22/10/2009 13:57

As above pictures display you can see clearly the multiple updates on one day resulting in a large data transfer via the satellite. The airtime provider that is providing this solution to you are earning on both the subscription and the airtime usage.

Detection ratio

As said we will not go in deeply on what software has the better protection ratio as there are numerous of sites on the internet that did those comparisons with the result that NOD32 beat Sophos on detection and speed. To give this even more in detail the vessel that we got this data from was scanned by our Port-IT Antivirus solution. Both solutions where updated equally up to October 30th 2009. The result you can see below:

Number of scanned objects: 548708

Number of threats found: 54

Number of cleaned objects: 54

Time of completion: 9:44:04 PM Total scanning time: 5003 sec (01:23:23)

Even that the Sophos solution was running on the computers onboard and had large updates still the Port-IT Antivirus solution managed to find 54 threats and cleaned all 54 threats on one single PC.

Conclusion

A good Antivirus product should do where it was build for and that is stopping viruses before they infect your computers onboard resulting in more onboard IT costs. We will not tell you what product you should purchase for your Antivirus protection we would like to have the figures speak for them selves. If you are looking for a solution that will save you on airtime costs, overhead costs of sending CDs, employee costs and have a good virus detection ratio that will keep your computers save from virus infection then we think there is only one product that you can consider.