



**RUSSIAN FEDERATION  
FEDERAL SECURITY SERVICE (FSB)**

# **NATIONAL CYBERSPACE PROTECTION AGAINST VIRUSES AND VIRTUAL PANDEMICS**

**2<sup>nd</sup> APEC Seminar  
on Protection of Cyberspace from Terrorist Use and Attacks  
Seoul, Republic of Korea, 18-19 November 2009**

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## **Information Security Market of Russia**

<b>IT - Technologies Market</b>	<b>\$24.26 billion</b>
<b>Information Security Market</b>	<b>\$211 million</b>

Despite the 30% decrease in the rate of growth of Russian market of information security equipment its current development has been assessed as generally positive with the 46.7% rate of growth recorded in 2008

## Typology of Malicious Software Detected in Russia During the Last Six Months of 2008

Malware Types	Number of Infected Computers	Increase Recorded by the 1 <sup>st</sup> Semester of 2008
Worms	231,147	52.3%
Trojan Downloaders and Droppers	1,002,727	80.1%
Miscellaneous Trojans	93,376	-43.5%
Password stealers and monitoring tools	85,517	69.5%
Miscellaneous Potentially Unwanted Software	69,721	-16.7%
Viruses	35,096	-26.7%
Spyware	2,056	3.4%
Exploits	1,640	31.7%

## Russia's Top-Ten List of Malware Applications (as of October 2009)

	<u>Name</u>	<u>Number of PCs infected</u>
1	Net-Worm.Win32.Kido.ir	344,745
2	Net-Worm.Win32.Kido.ih	126,645
3	not-a-virus:AdWare.Win32.Boran.z	114,776
4	Virus.Win32.Sality.aa	87,839
5	Worm.Win32.FlyStudio.cu	70,163
6	Trojan-Downloader.Win32.VB.eqf	52,012
7	Virus.Win32.Induc.a	49,251
8	Packed.Win32.Black.d	39,666
9	Worm.Win32.AutoRun.awkp	35,039
10	Virus.Win32.Virut.ce	33,354

## **Improvement of the Anti-Virus Facilities Designed to Protect Critical Information Infrastructures**

- Adoption of new operating requirements pertaining to anti-virus software
  - Certification in line with new requirements
  - Introduction of a new secure anti-virus Web-portal
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## **Possible Guidelines of Cooperation among the APEC-Participant National Economies**

- Sharing information on detected facts of serious computer infections
- Sharing information on advanced anti-virus techniques
- Sharing information on the sources of computer viruses' expansion
- Sharing national experiences and best practices of countering virtual pandemics