



Správa IT infrastruktury:  
lépe, snadněji, bezpečněji a levněji

Představení společnosti  
pro studenty FI MUNI v rámci SPP

**ADVAiCT**

**ADVAiCT**

- ▶ Založena 2006
- ▶ Oblast působení – Network Behavior Analysis
- ▶ Spin-off Masarykovy univerzity
- ▶ V současné době 12 full-time zaměstnanců
- ▶ Produkt FlowMon ADS oceněn v soutěži Inovace roku 2010

# ICT abuse today = organized crime

- ▶ **Profit from cybercrime** exceeds profit from drugs worldwide since 2006. [FBI, 2006]
- ▶ CIA confirms cyber attack caused **multi-city power outage**. [New Orleans, 2008]

## Spies 'infiltrate US power grid'

By Maggie Shiels  
Technology reporter, BBC News, Silicon Valley

The US government has admitted the nation's power grid is vulnerable to cyber attack, following reports it has been infiltrated by foreign spies.

The Wall Street Journal (WSJ) newspaper reported that Chinese and Russian spies were behind this "pervasive" breach.

It said software had been left behind that could shut down the electric grid.

"The vulnerability is something [we] have known about for years," said US Homeland Security Secretary Janet Napolitano.

"We acknowledge that... in this world, in an increasingly cyber world, these are increasing risks," Ms Napolitano added.



Security experts say the technology protecting the grid has not kept pace

# NBA overview

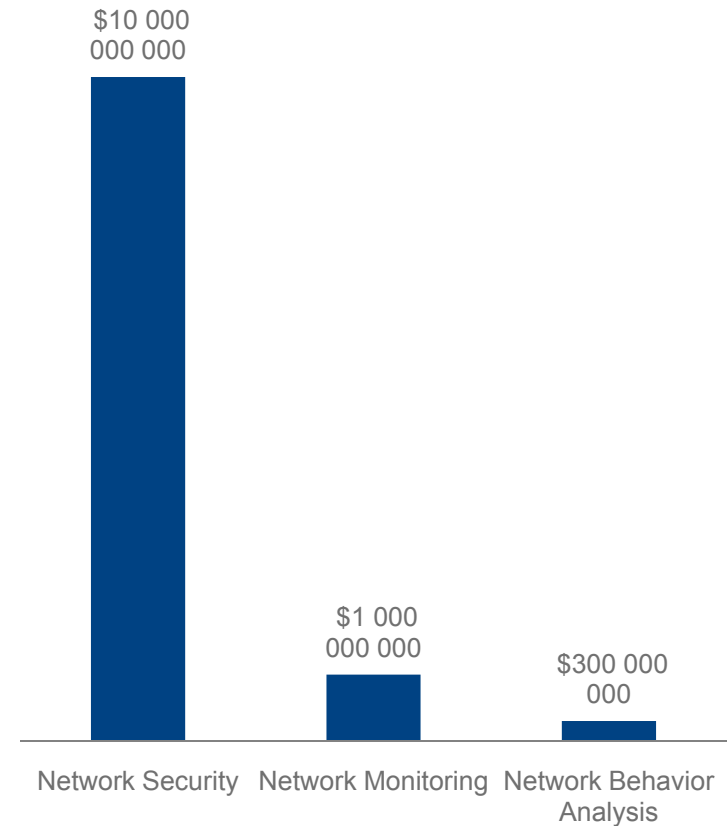
- ▶ Size - \$ 300M
- ▶ Growth – 30%
- ▶ Assessment – big space, room to establish presence
  
- ▶ NBA technologies monitor network traffic for unknown or unusual deviations from normal patterns that might indicate zero-day exploits and malware for which signatures have not yet been developed.

Aberdeen Group, Network Behavior Analysis: Protecting By Preventing, 2009

- ▶ Network behavior analysis tools provide detailed analysis of network traffic and may help in proactively detecting network threats.

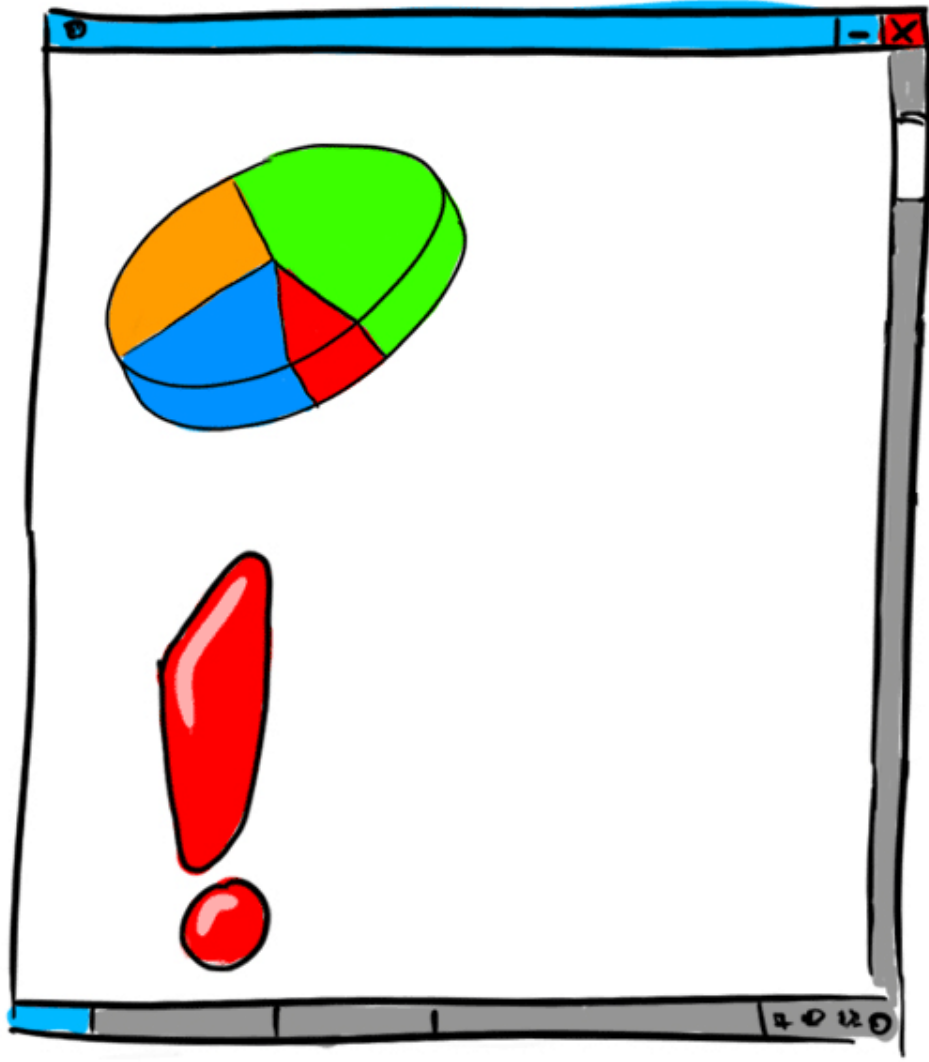
Gartner, Network Behavior Analysis Market Research, 2010

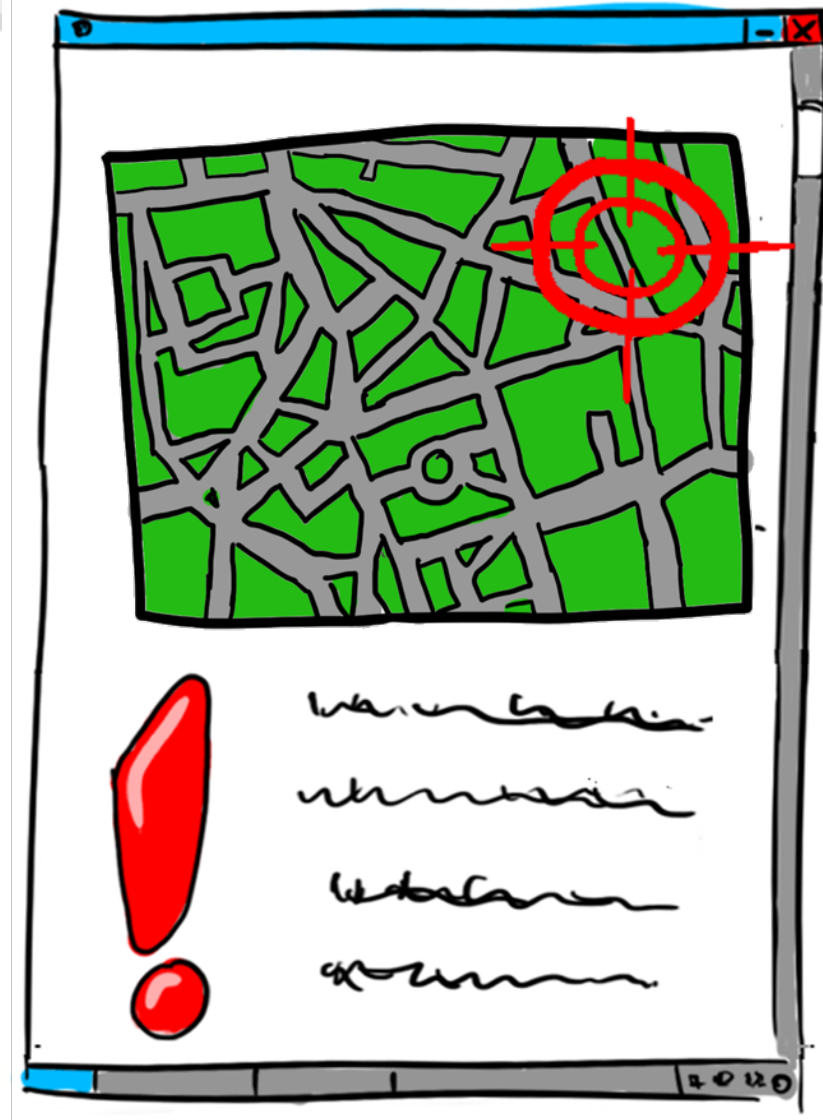
## Market top level



# Networkville









# Přínosy pro zákazníka

- ▶ Efektivnější procesy
- ▶ Bezpečnější infrastruktura
- ▶ Úspora nákladů
- ▶ Zvýšení produktivity





## FlowMon ADS

System pro analýzu a vyhodnocení provozu na síti. Automatické odhalení provozních problémů a bezpečnostních incidentů.

BVV



Veletřhy  
Brno

**Veletřhy Brno, a.s.**

**Jiří Heršálek, systémový administrátor:**

*“Díky řešení ADS od společnosti AdvaICT jsme schopni provoz na síti kompletně rozkrýt, odhalit problémy a útoky v reálném čase a tím pádem na ně pružně reagovat.”*

**SIEMENS**



**datapac**  
communications & connectivity

**CO VISTA**



# Spolupráce se studenty FI MUNI

- ▶ Možnosti
  - ▶ Zaměstnání
  - ▶ Interim Project (SSME)
- ▶ Zajímavé projekty
  - ▶ Expanze do US
  - ▶ Online verze NetHound



# Kontakt

## **AdvaICT, a. s.**

Jundrovská 618/31, 624 00 Brno

tel.: +420 511 112 170,

[info@advaict.com](mailto:info@advaict.com), [www.advaict.com](http://www.advaict.com)

## **Zdeněk Vrbka**

Account/Marketing Manager

tel.: +420 739 865 333,

[zdenek.vrbka@advaict.com](mailto:zdenek.vrbka@advaict.com)



Správa IT infrastruktury:  
lépe, snadněji, bezpečněji a levněji

Good Luck!

