Technical and political developments in the area of cyber security

Michael Hange
President of the Federal Office for Information Security (BSI), Germany
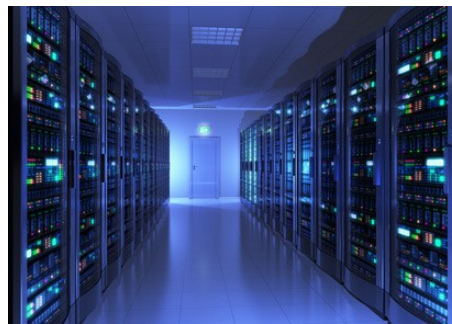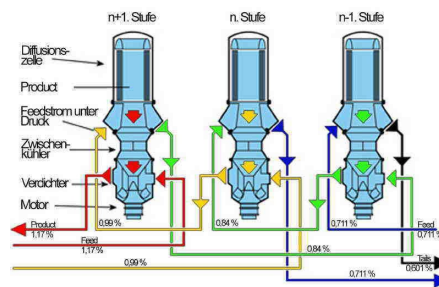
6 September 2014

Cyber Attacks

IT-Systems

Attack Scenario

- Zeroday Exploit

- Trojan

- Vulnerability

- Backdoors

- Manipulation of

  Hard- and

  Software...

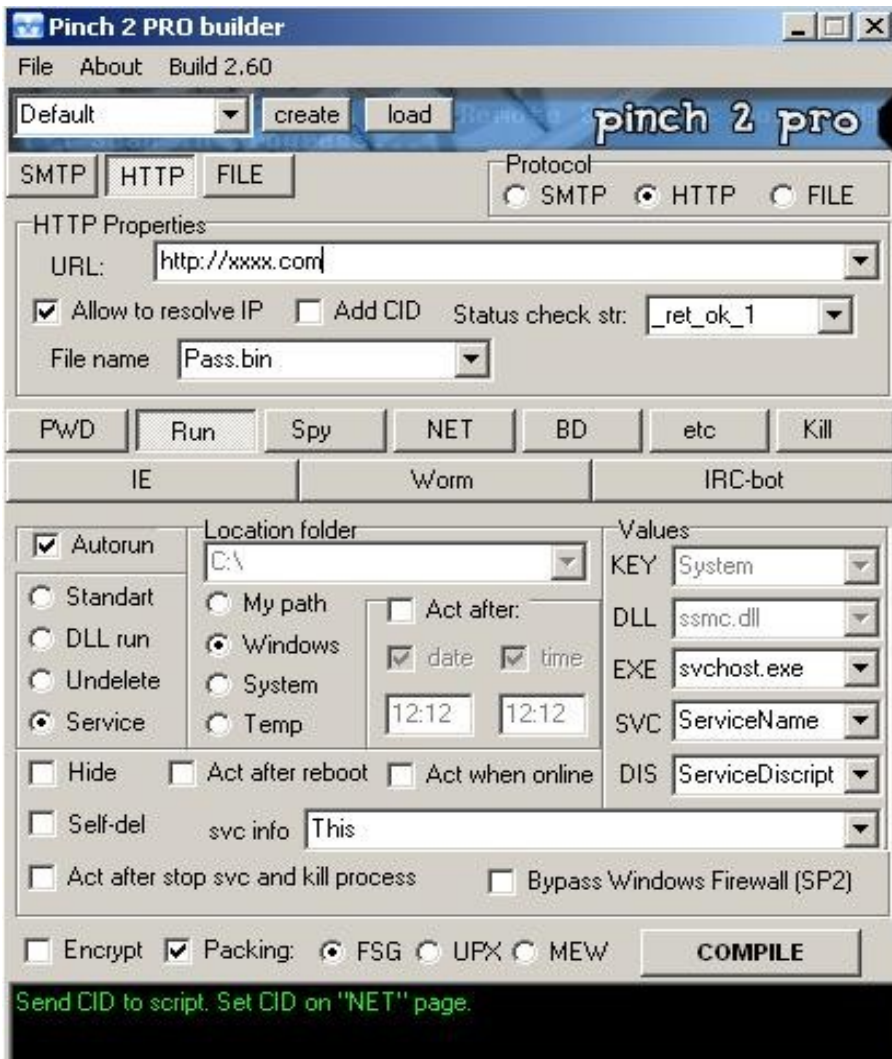### Scenarios of Damage

- Cyber-Espionage

- Cyber-Sabotage

- Identity theft

- Cyber-Blackmail

„Market" for Cyber Attacks

Preisliste		
Crimepack:	$	400
Phoenix Exploits Kit:	$	400
Adrenaline: (inkl. 24x7-Support)	$	3.500
Eleonore Exploits Pack	$	700
Eleonore Exploits Pack	$	1.200
YES Exploit System	$	800

Quelle: Pandalabs

Standard security measures do help

Standard security measures such as patch management, firewalls, anti-virus software etc. keep away 80 percent of the cyber attacks.

Political Situation

Different interests to balance

❐ privacy vs. public/national security

❐ governmental responsibility vs. individual responsibility

❐ governmental regulation vs. self-regulation by the market

Political activities in Germany

❐ Digital Agenda

❐ IT security act

Thank you very much!

Federal Office for Information Security

Michael Hange
President
Godesberger Allee 185-189
53175 Bonn

Tel: +49 (0)22899-9582-5200
Fax: +49 (0)22899-10-9582-5200

Michael.Hange@bsi.bund.de
www.bsi.bund.de
www.bsi-fuer-buerger.de