

# Kriminalistforeningen

## 22. oktober 2013

Udfordringerne ved efterforskning af grænse-  
overskridende it-kriminalitet.

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# Udfordringer

- International grænseløs kriminalitet
- Hurtigt omstilling og tilpasning – konstant udvikling
- Anonymiseringstjenester (Tor) og skjulte servere (Silk Road)
- Virtuel valuta
- Krypteret kommunikation
- Skift fra IPv4 til Pv6 (4 milliarder til 340 med 36 nuller)
- Manglende global validering af ip-adresser
- Cloud services (forskellig national lovgivning)
- Langsom reaktionsevne hos myndigheder
- Forskellige nationale prioriteringer

# CaaS (Crime as a Service)

Table 1. Prices for zero-day vulnerabilities.

Adobe Reader	\$5,000–\$30,000
Mac OS X	\$20,000–\$50,000
Android	\$30,000–\$60,000
Flash or Java Browser Plug-ins	\$40,000–\$100,000
Microsoft Word	\$50,000–\$100,000
Windows	\$60,000–\$120,000
Firefox or Safari	\$60,000–\$150,000
Chrome or Internet Explorer	\$80,000–\$200,000
IOS	\$100,000–\$250,000



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USA Doctor email Database (0.7 Million)

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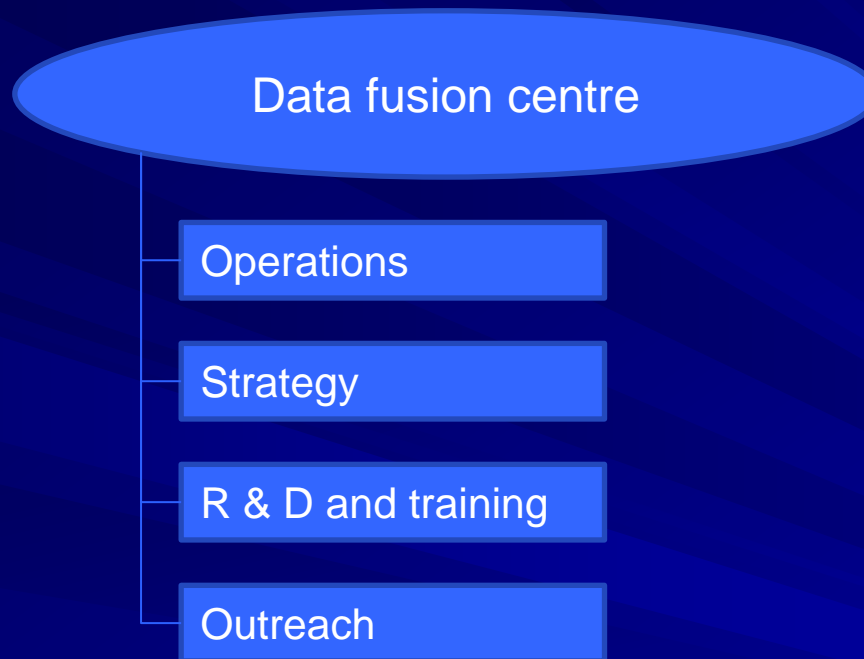
## (Wired 2012)

- Basic crypter (for inserting rogue code into a benign file): \$10-\$30
- SOCKS bot (to get around firewalls): \$100
- Hiring a DDoS attack: \$30-\$70/day, \$1,200/month
- **Email spam: \$10 per one million e-mails**
- Email spam (using a customer database): \$50-\$500 per one million emails
- SMS spam: \$3-\$150 per 100-100,000 messages
- Botnet: \$200 for 2,000 bots  
DDoS botnet: \$700
- Zeus source code: \$200-\$500
- Windows rootkit (for installing malicious drivers): \$292
- Hacking Facebook or Twitter account: \$130
- Hacking Gmail account: \$162
- Hacking corporate mailbox: \$500
- Winlocker ransomware: \$10-20
- Unintelligent exploit bundle: \$25
- Intelligent exploit bundle: \$10-\$3,000

# Sager

- Narkohandel på Silk Road (Tor og Bitcoin)
- Scareware/Ransomware
- Ddos som afpresning
- Hacking af kundedatabaser (Password/Brugernavn/Google)
- Hong Kong e-mail scam
- Pædoboard (Tor/Frankrig/USA/Rusland)

# European CyberCrime Centre (EC3)



- AWF Cyborg
- AWF Terminal
- AWF Twins
- Oap's
- JIT/JAT