Another trend - Ransomware

Reveton (2012)

- Displays a message from the law enforcement agency saying that you have pirated software and child pornography on your machine

- Ask you to pay a fine using a prepaid cash service

CryptoLocker (2013)

- Encrypt specific files on your machine with a 2048 RSA key

- Ask you to pay a ransom with Bitcoins

''Ransomware attacks grew by 500% in 2013 and turned vicious''

source : *Symantec Internet Security Threat Report 2014*

... and it turned vicious

WannaCry and **NotPetya** (2017)

- Use the *EternalBlue* vulnerability found in the NSA hacking toolkit leak

- Researcher has found a "kill switch"

- Paralyzed hospitals in UK and trains in Germany

- Caused $10B+ damage, largest cyber-incident to date

LockBit 3.0 (2024)

- Advanced RaaS (Ransomware as a Service)