

# 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)