

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 **Petya** (2017)

- Use a vulnerability found in the NSA hacking toolkit leak
- Researchers have found a "kill switch"
- Paralyzed hospitals in UK and trains in Germany