

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

Ransomware as a Service (RaaS)

- Zeppelin (2019 - 2022); exploiting RDP & Firewall vulnerabilities
- Lockbit (2019 -)

Gangs

- e.g. Conti

