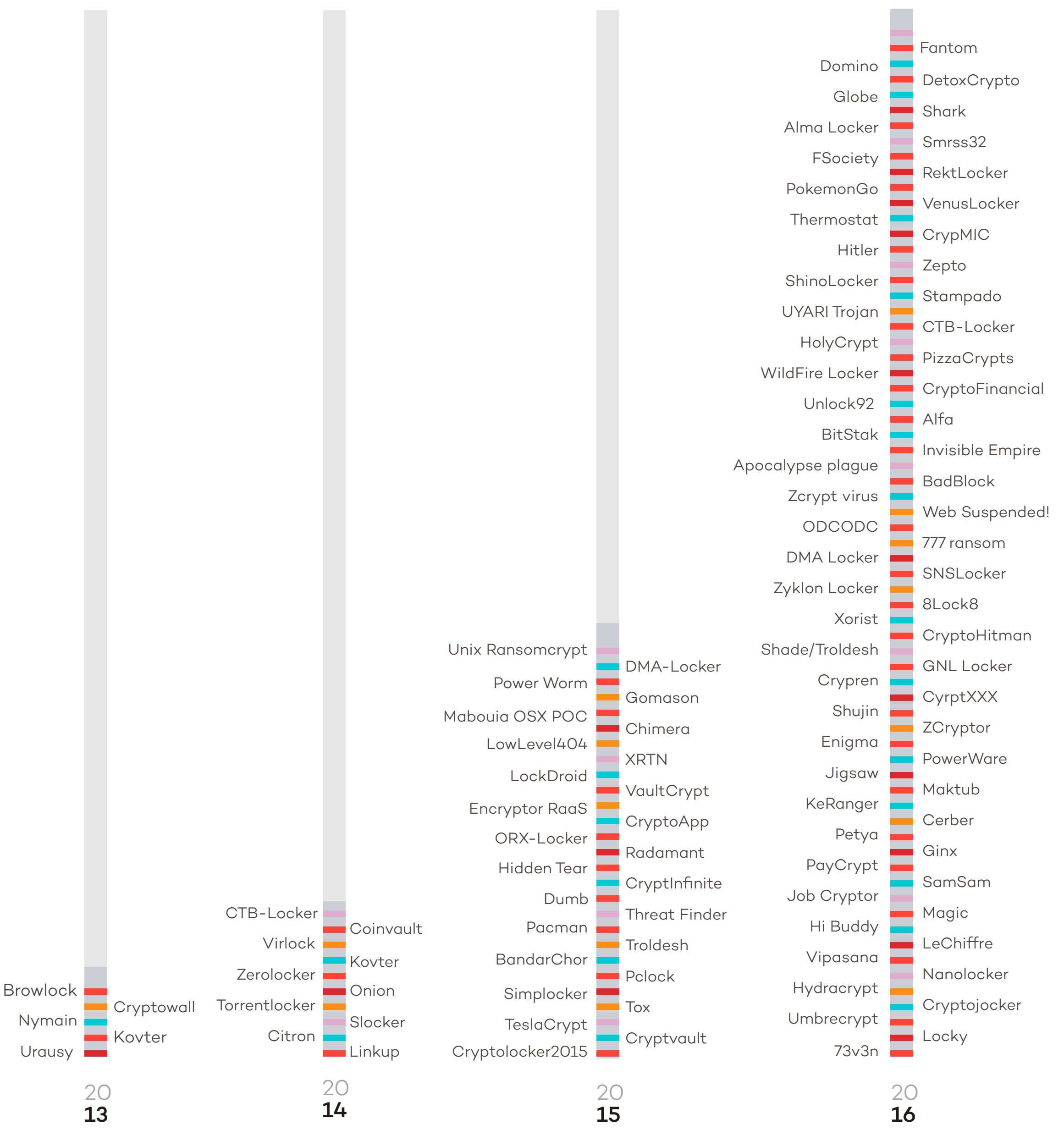# Ran som ware

2016's billion dollar crime industry

In recent years, ransomware has resurfaced as one of the most advanced threats and is one of the most dangerous for businesses.

More ransomware variants have been detected in 2015 and 2016 alone than in the last 29 years, provoking millions of dollars in losses.

The clock could start ticking at any time.

1st ransomware | 1989 AIDS Trojan (PC Cyborg)

2013

- Browlock
- Nymain
- Urausy
- Cryptowall
- Kovter

2014

- CTB-Locker
- Virlock
- Zerolocker
- Torrentlocker
- Citron
- Coinvault
- Kovter
- Onion
- Slocker
- Linkup

2015

- Unix Ransomcrypt
- Power Worm
- Mabouia OSX POC
- LowLevel404
- LockDroid
- Encryptor RaaS
- ORX-Locker
- Hidden Tear
- Dumb
- Pacman
- BandarChor
- Simplocker
- TeslaCrypt
- Cryptolocker2015
- DMA-Locker
- Gomason
- Chimera
- XRTN
- VaultCrypt
- CryptoApp
- Radamant
- CryptInfinite
- Threat Finder
- Troldesh
- Pclock
- Tox
- Cryptvault

2016

- Domino
- Globe
- Alma Locker
- FSociety
- PokemonGo
- Thermostat
- Hitler
- ShinoLocker
- UYARI Trojan
- HolyCrypt
- WildFire Locker
- Unlock92
- BitStak
- Apocalypse plague
- Zcrypt virus
- ODCODC
- DMA Locker
- Zyklon Locker
- Xorist
- Shade/Troldesh
- Crypren
- Shujin
- Enigma
- Jigsaw
- KeRanger
- Petya
- PayCrypt
- Job Cryptor
- Hi Buddy
- Vipasana
- Hydracrypt
- Umbrecrypt
- 73v3n
- Fantom
- DetoxCrypto
- Shark
- Smrss32
- RektLocker
- VenusLocker
- CrypMIC
- Zepto
- Stampado
- CTB-Locker
- PizzaCrypts
- CryptoFinancial
- Alfa
- Invisible Empire
- BadBlock
- Web Suspended!
- 777 ransom
- SNSLocker
- 8Lock8
- CryptoHitman
- GNL Locker
- CyrptXXX
- ZCryptor
- PowerWare
- Maktub
- Cerber
- Ginx
- SamSam
- Magic
- LeChiffre
- Nanolocker
- Cryptojocker
- Locky

Ransomware in numbers

+4000
daily ransomware attacks since January 1, 2016

+256
variants of ransomware families are identified.

43%
of the victims of ransomware were employees in organizations.

TOP 5 Variants

- CryptoWall
- CTB-Locker
- TeslaCrypt
- MSIL/Samas
- Locky

TOP 5 Countries affected

- United States
- Italy
- Japan
- The Netherlands
- Germany

TOP 5 Infection vectors

- Malvertising
- Exploit Kits
- Server vulnerabilities
- SMS messages
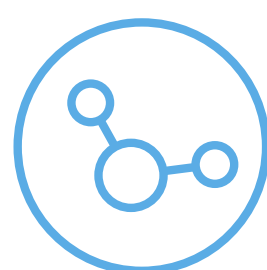- Brute-forcing passwords

At risk platforms

- Windows Users
- iOS — Mobile Users
- Mac OS X Users
- IoT — Internet of Things (IoT)

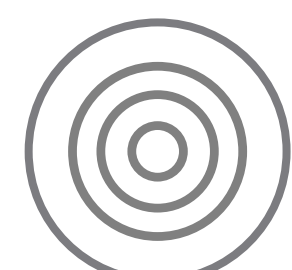## We see what others can't: Panda Solutions for Companies

Endpoint Protection Plus
Manage the security of all the computers in your network and control user productivity.

Fusion
Simple, centralized management and security for all your devices.

Adaptive Defense
Controls all active processes on the endpoint while working against unknown threats.