

***THE BAD GUYS NEVER HAD IT
EASIER, BUT PREVENTION IS
POSSIBLE.***

TRAPS

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Mini-Survey

Are you using **Anti-Virus** in your organization today?

**Traditional AV is Not the Solution
to Endpoint Protection.
It's the Problem!**

Five Fundamental Capabilities of Any Endpoint Product



Prevention Focused



Malware Prevention



Exploit Prevention



Automated Prevention w/ Threat Intel



Persistent Protection

Detection & Response
Secondary to Prevention

Automatically Convert Known & Unknown/Threat Intel into Prevention

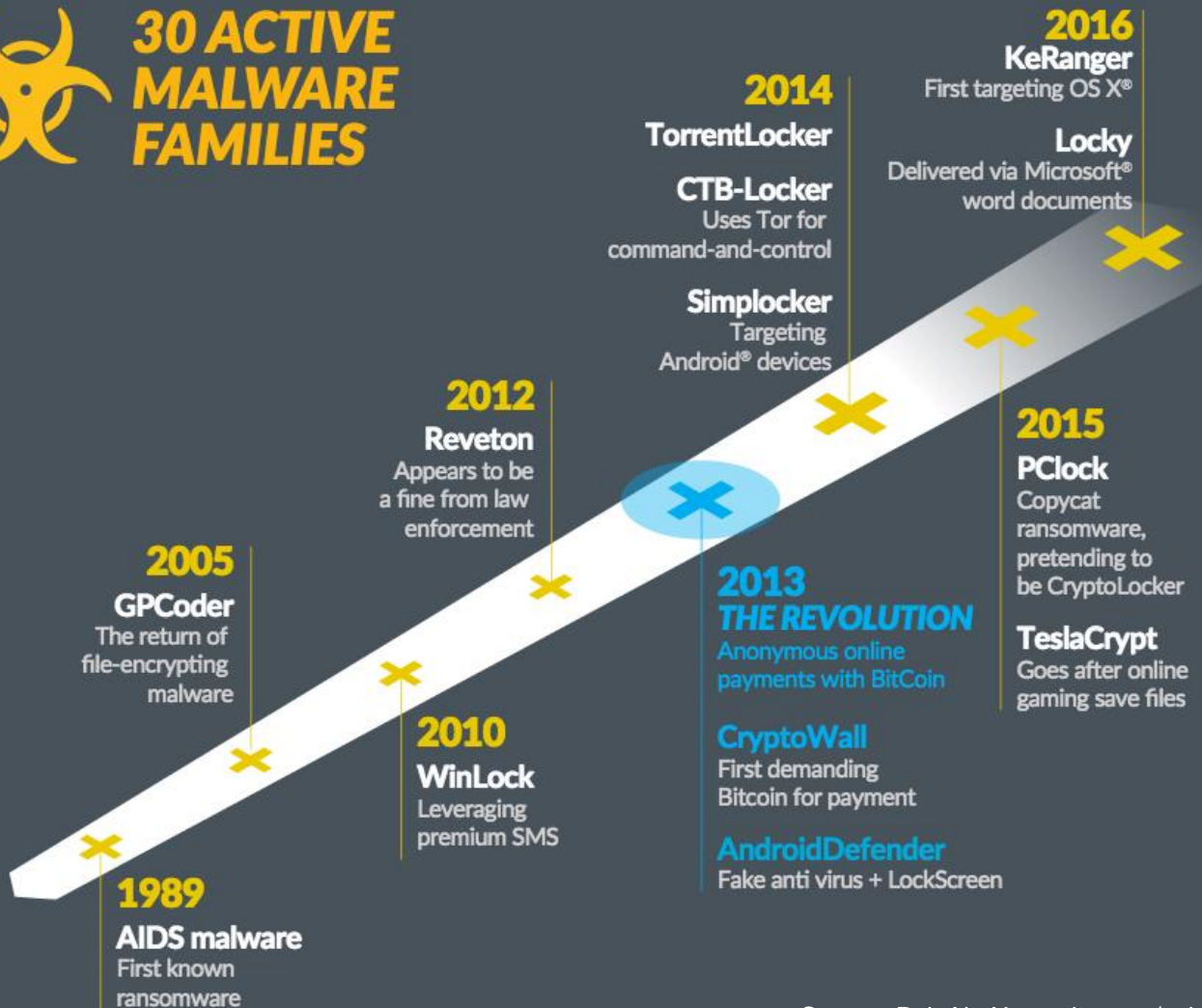
Online, Offline
Known & Unknown-Prem, Off-Prem
Zero-Day
Connected, Disconnected

Mini-Survey

Do you know what **Ransomware** is?



30 ACTIVE MALWARE FAMILIES



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ATTENTION:

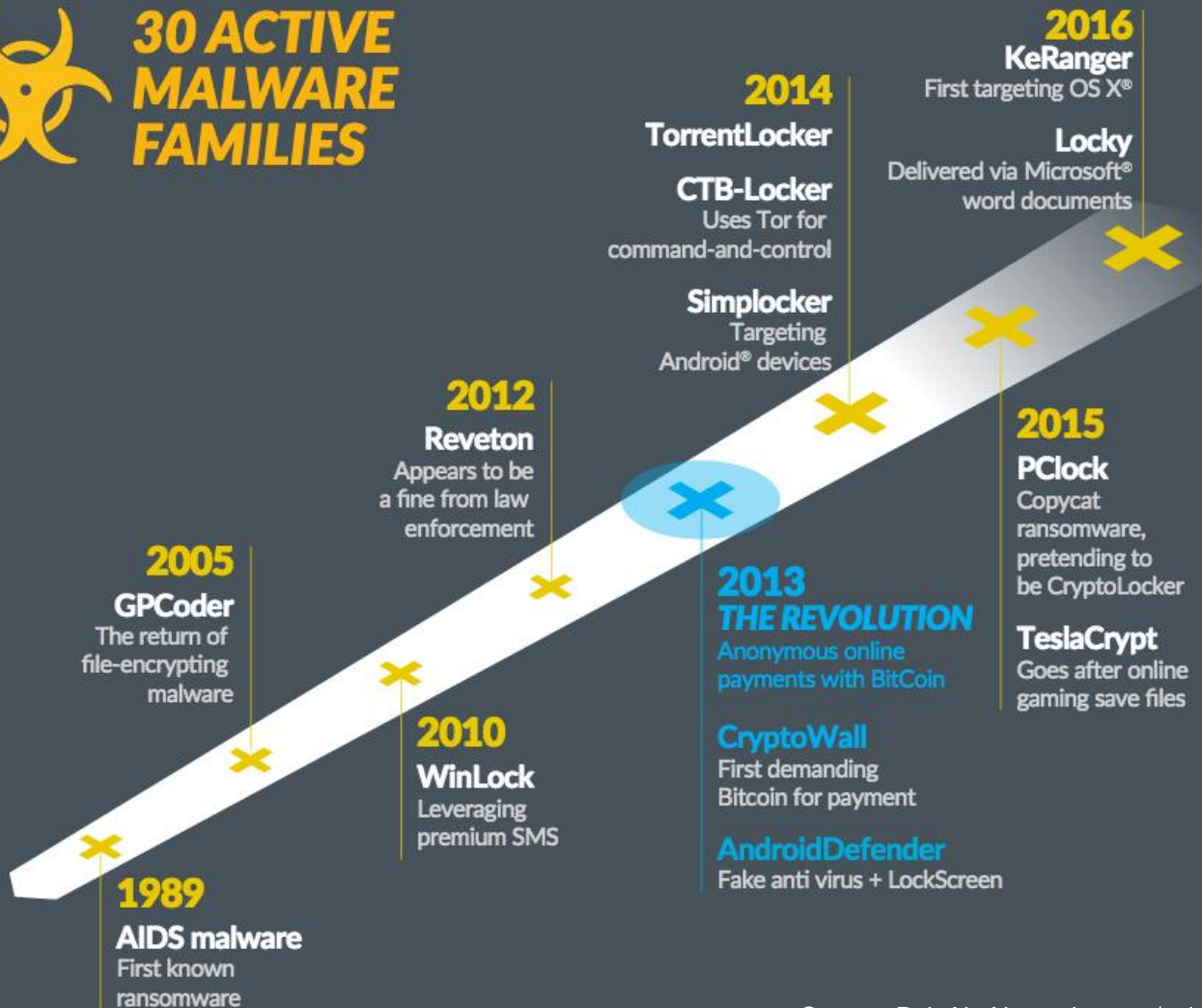
I have been elected to inform you that throughout your process of
collecting and executing files, you have accidentally PHUCKED
yourself over: again, that's PHUCKED yourself over. No, it cannot
be: YES, it CAN be, a Virus has infected your system. Now what do
you have to say about that? HAHahaha. Have FUN with this one and
remember, there is NO cure for

AIOS

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30 ACTIVE MALWARE FAMILIES







CryptoWall v3 Investigation

Co-Founded by

Palo Alto Networks

Intel Security

Symantec

Fortinet

\$325M

*Estimated Damages
Across the Globe*

44%

Victims Paid Up

30.7%

Exploit Delivery

Source: <http://go.paloaltonetworks.com/cryptowall>



Mini-Survey

Do you think your Anti-Virus product can **prevent** Ransomware attacks?

***To Prevent
Ransomware:***

- 1. Attack Vectors***
- 2. Delivery Methods***

1. Attack Vectors



Exploits



Macros



Exec

2. Delivery Methods



**Exploit
Kits**



**Email
Attachments**

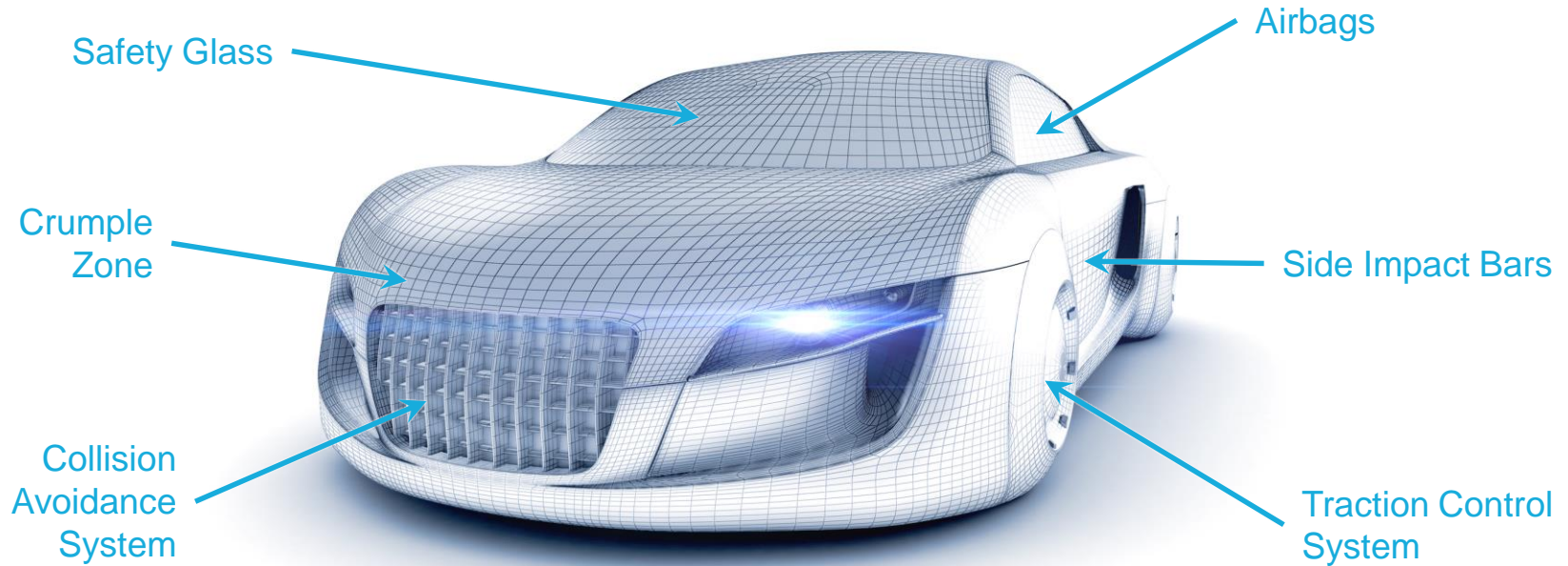


**Drive-by
Downloads**

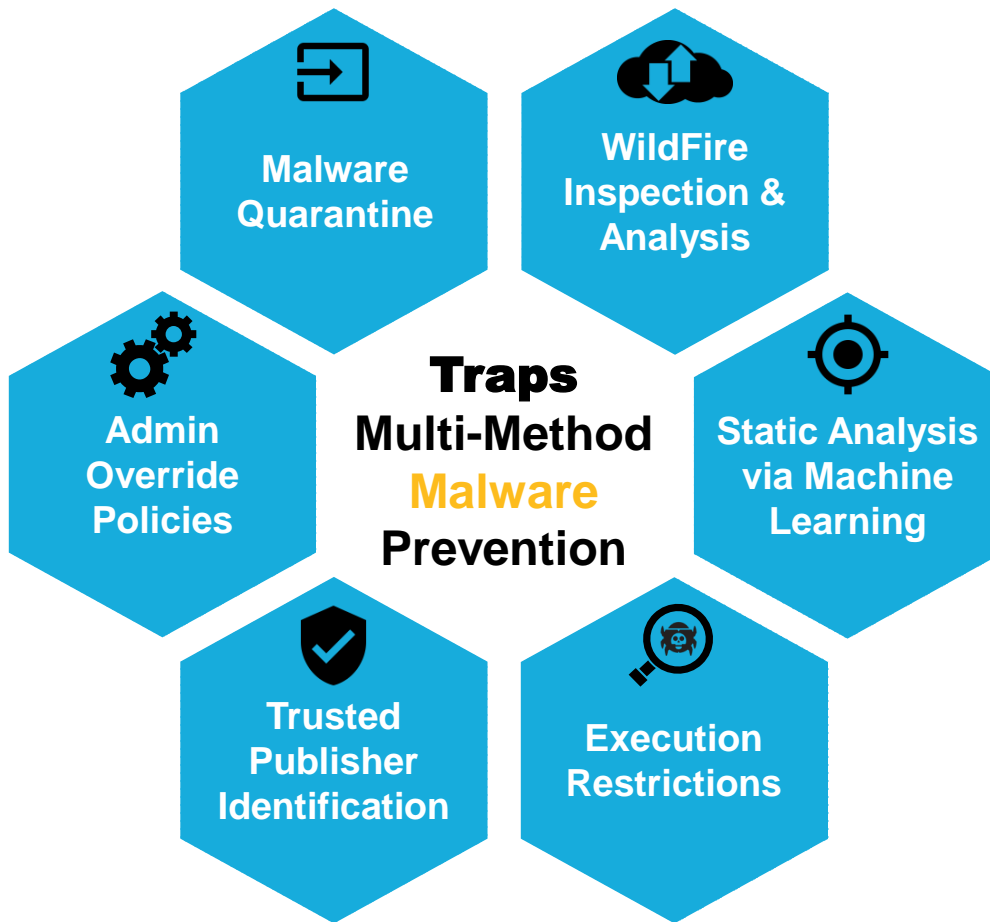
Mini-Survey

Do you think your Anti-Virus product can block **unknown malware** and **unknown exploits**?

Prevention Requires a Combination of Multiple Purpose-built Methods



Traps Multi-Method **Malware** Prevention



Traps Multi-Method *Exploit* Prevention



Memory
Corruption
Prevention



Logic Flaw
Prevention

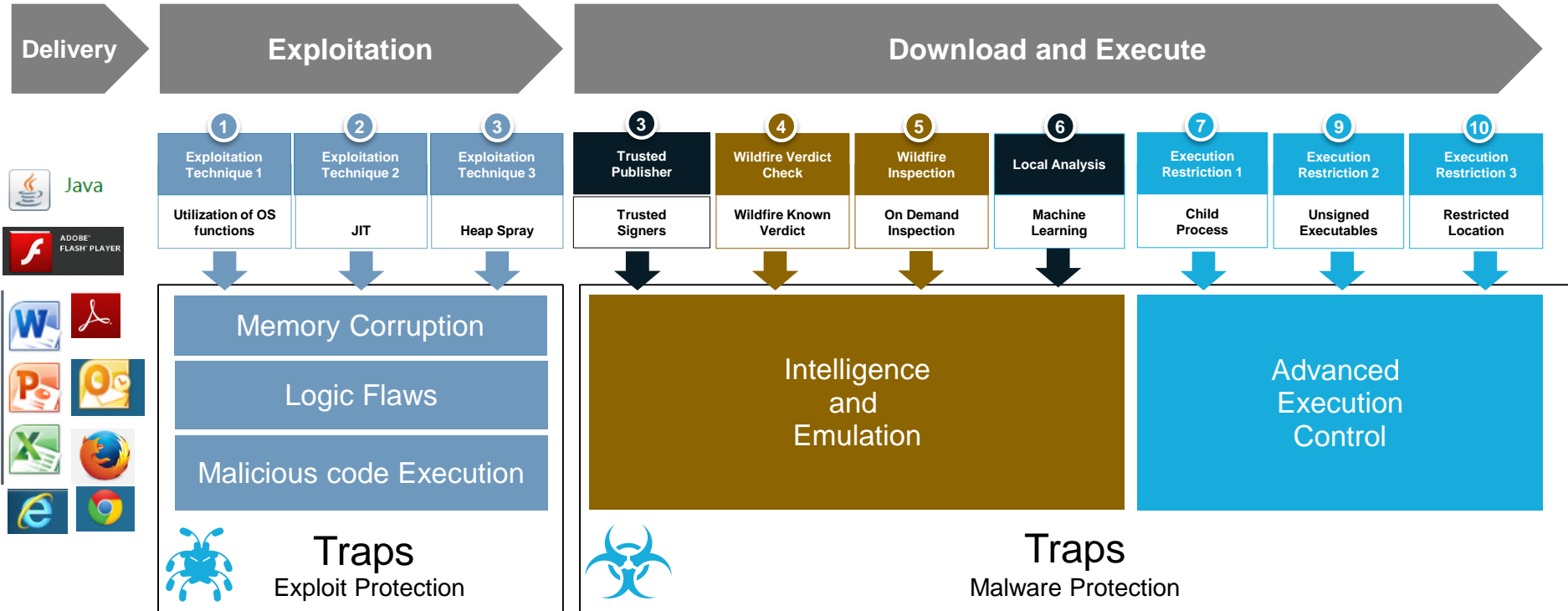


Malicious Code
Execution
Prevention

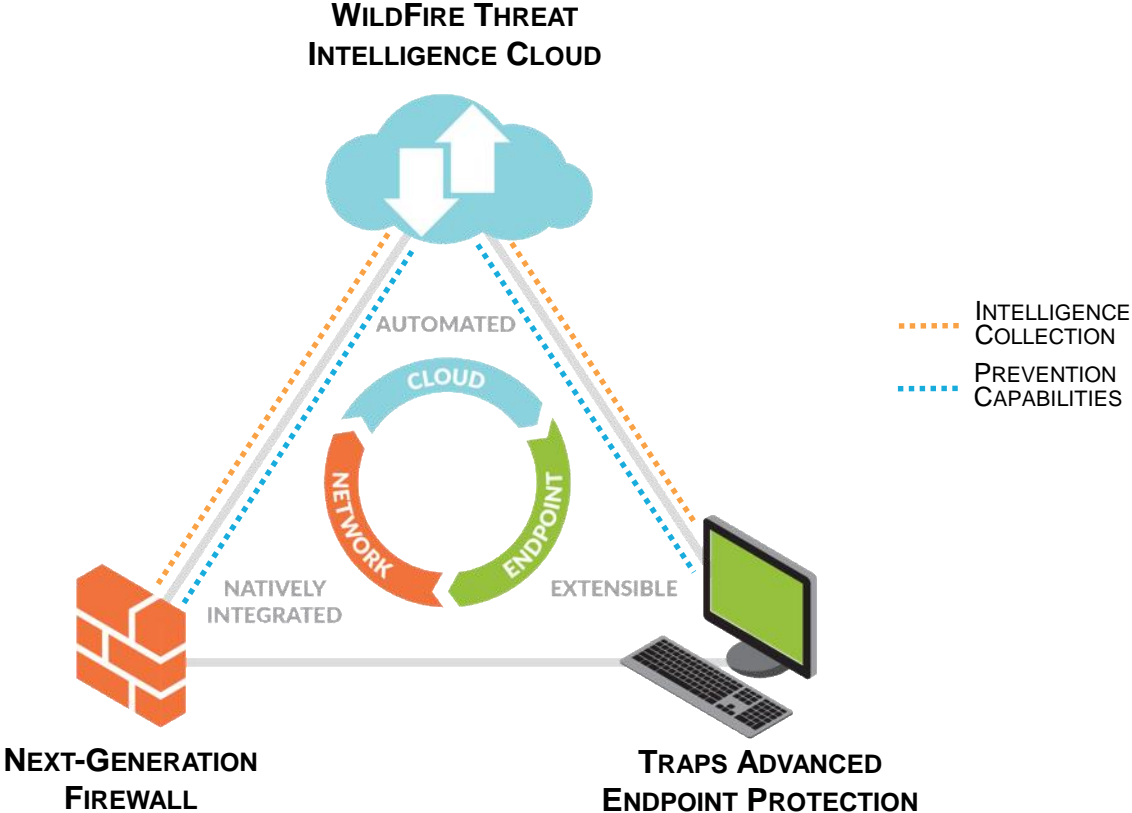
Demo



Traps Kill-Points Through the Attack Life Cycle



Next-Gen Security Platform Converts Intelligence into Prevention, Automatically!



THANK YOU

