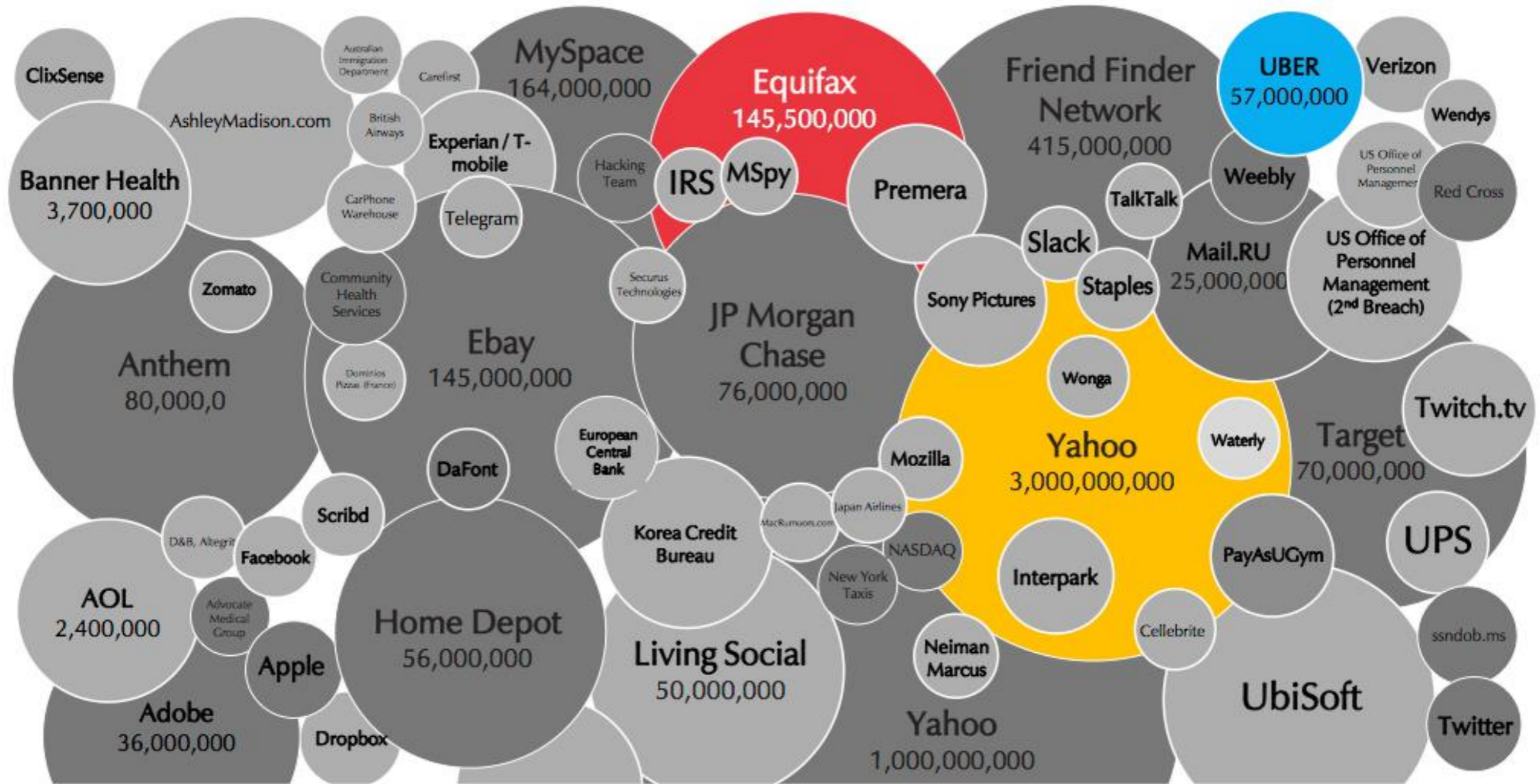


AXIADO

THE ULTIMATE SECURITY

UNIVERSAL PROBLEM BIGGEST DATA BREACHES



Year	2015	2016	2017
# of U.S. Breaches	780	1,093 (↑ 40%)	1,579 (↑ 44%)

COSTLY ATTEMPTS STILL NO SOLUTION

➔ LOSSES

\$2.7 billion loss per day from cyberattacks

Cybersecurity Ventures, 2017

➔ INVESTMENTS

VC investments \$4.0 billion per year
in cybersecurity software

CBINSIGHT, 2017

➔ BUDGETS

U.S. Government \$19B cybersecurity budget

Statista, 2017

J.P. Morgan Chase & Co doubled its annual
cybersecurity budget to \$500 million (excluding
\$9.5B capital expenditure)

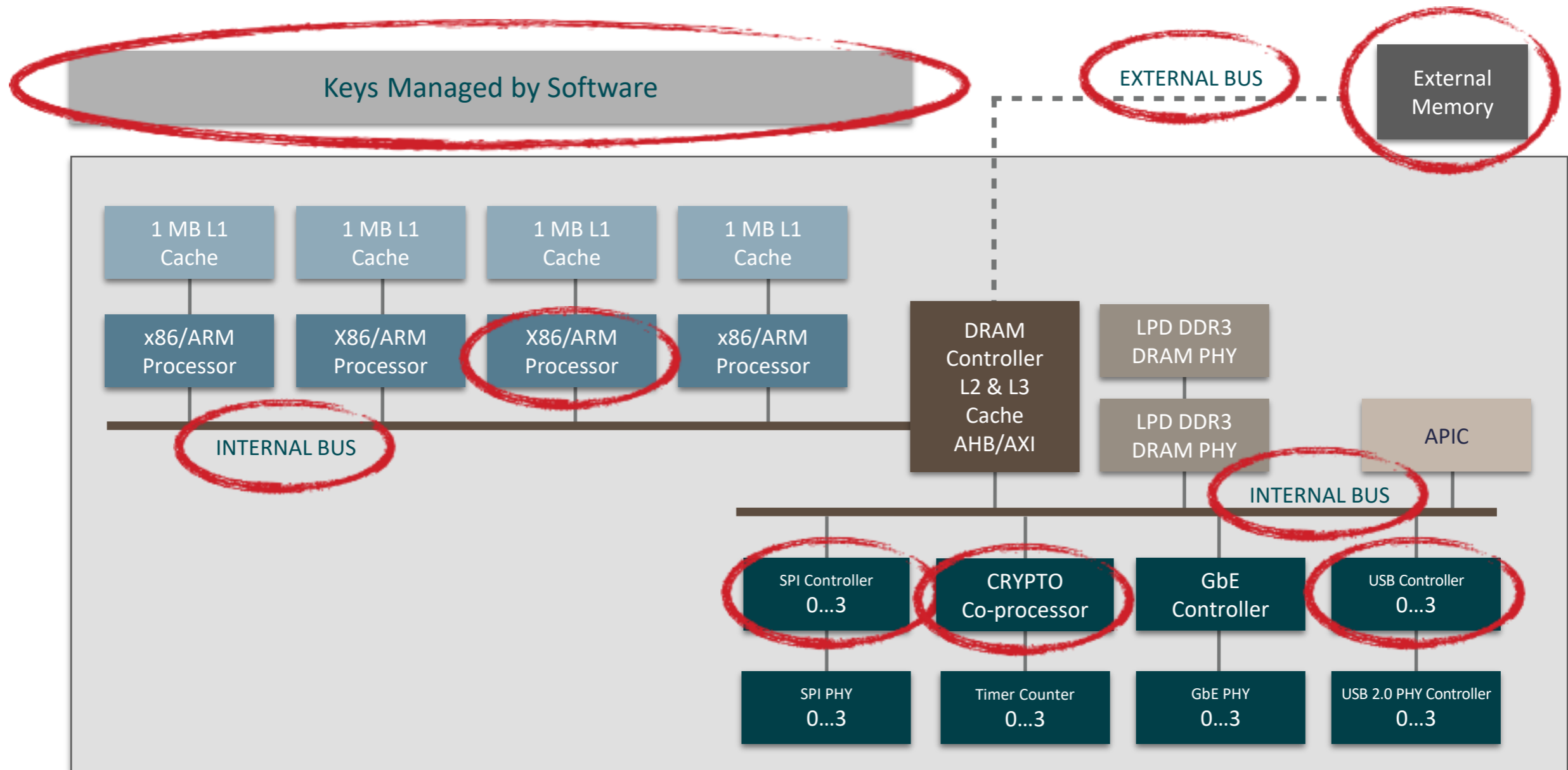
CNBC, 2016



FOR YET ANOTHER SECURITY PATCH

X86/ARM SECURITY HOLES WHERE HACKERS RETRIEVE DATA

We estimate that it would take Intel at least 5 years to fundamentally change their x86 architecture, and after this, operating system and hypervisor companies will have to go through a similar effort to support the change.



BREACH AFTER BREACH, PATCH AFTER PATCH

Meltdown & Spectre

Major architectural flaws reported in January 2018

Across families of processors

LEGACY ARCHITECTURE



Are 8 new 'Spectre-class' flaws in Intel CPUs about to be exposed? -ZDNet, 5/4/18

Tech Firms Coordinate Disclosure of New Meltdown, Spectre Flaws – Security Week, 5/22/18

thehackernews.com

Daily news of cyberattacks and their causes

LEGACY OPERATING SYSTEM

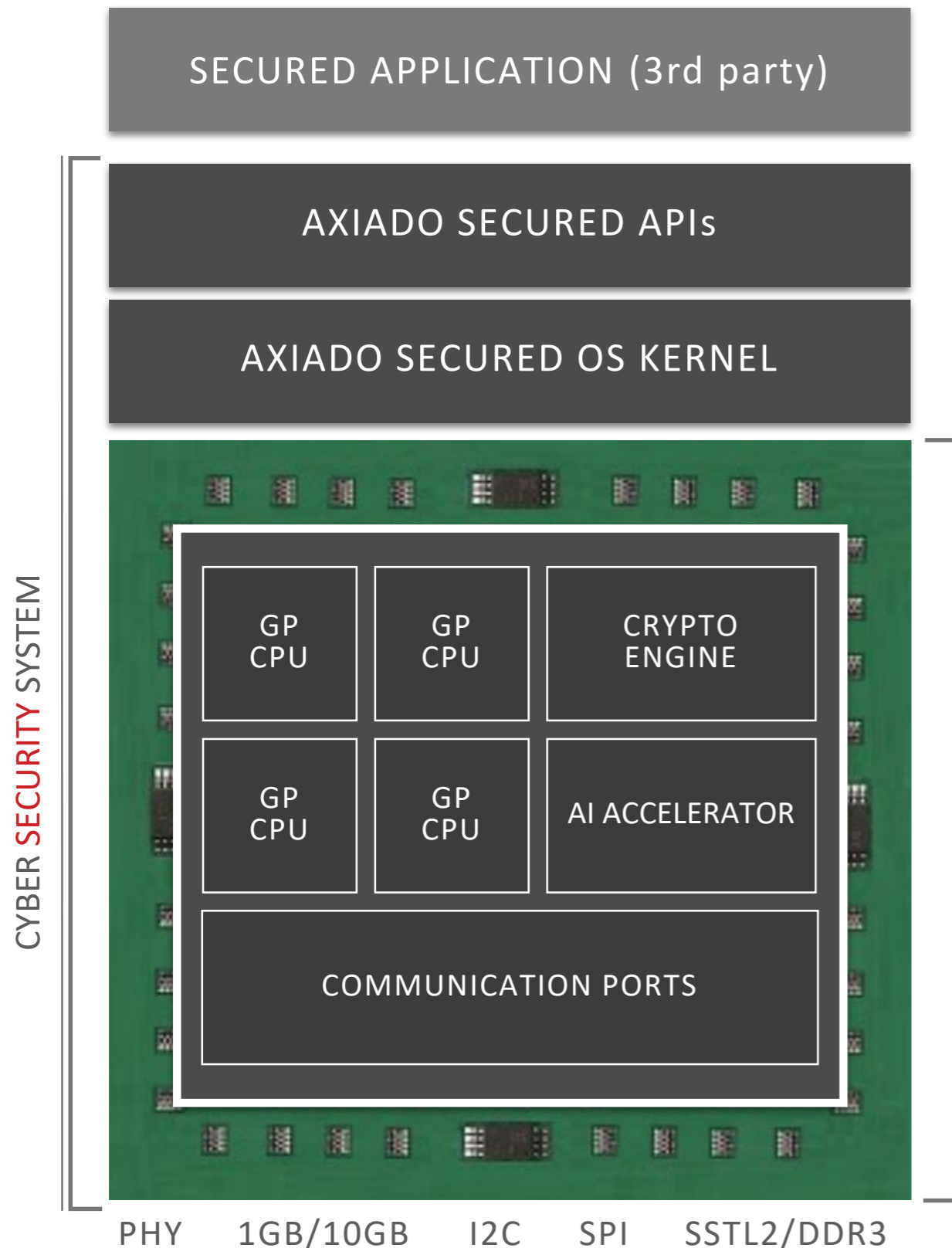


Demands a more comprehensive solution

AXIADO SOLUTION

New security paradigm

ARCHITECTED FOR SECURITY & EFFICIENCY



- 4x security enhanced RISC-V cores
- Integrated cryptographic engine
- Integrated AI Engine
- Secured boot
- Secured VMs
- Automated breach heuristics update across all Axiado-based systems
- OS: FreeBSD
- Compatibility with existing open source SW development, applications, and HW environments
 - TensorFlow
 - Caffe2
 - Open CL, CV, SL, VPN

“Axiado’s Cyber Security Processor is **the most secure** chip, device, system and concept I have ever seen.”

U.S. Military Commander of Offensive and Defensive Cyber Warfare

PRODUCTS



Cyber **Security** System (processor + OS)

- General-Purpose Multi-Core Processor with integral AI and Crypto Accelerators
- Operating System
- Hypervisor
- APIs
- JAVA Compiler

Cyber **Security** Router

(Initial Market Entry)

- Cyber Security Processor (on the left)
- pfSense (security modifications)

AXIADO

THE ULTIMATE SECURITY

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BLOCK INTRUSIONS

