

Back to the Basics: Building Security By Design



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Cybersecurity Presents a Continued Challenge

Despite a dynamic market...

\$106B

Worldwide information security spending in 2019; projected to reach \$133B by 2022

26%

Combined annual growth rate of next-generation security software

\$6.2B

Venture financing volume in 2018 on +400 cyber transactions

\$15.5B

Total security M&A volume in 2018 on +180 transactions

Challenges to security persist

\$600B

Estimated annual global cost of cybercrime

145M

Equifax consumers personal information exposed

\$790M

Combined quarterly loss from NotPetya ransomware by FedEx, Maersk, Mondelez & Saint-Gobain

78

Days (median) from compromise to discovery

67%

Increase in security breaches in the last five years

Macro Drivers of Cybersecurity Market

Large Trends Contributing to Growth of Security Spending

Nation-state competition increasingly evident in cyberspace

Costs of cybercrimes increasing due to:

- Adoption of new technologies by cybercriminals
- Lower cost-of-entry to commit cybercrime due to rise of cybercrime-as-a-service
- Growth of cybercrime safe havens (e.g., North Korea, Vietnam, Russia, Brazil)

CIO Budget Survey

78%

of polled companies that plan to increase IT security spending

Regulatory Compliance

- New regulatory requirements for enterprises
- General Data Protection Regulation (EU)
- New York Department of Financial Services
- FDIC, Federal Reserve, OCC Enhanced Cyber Risk Management Standards

Cyber Talent Shortage

~1.5 million

expected global information security worker shortage by 2022

Dynamic Threat Landscape

- Ransomware
- IP Theft
- Cryptojacking
- DDoS
- Phishing
- Malware

Cybersecurity Market

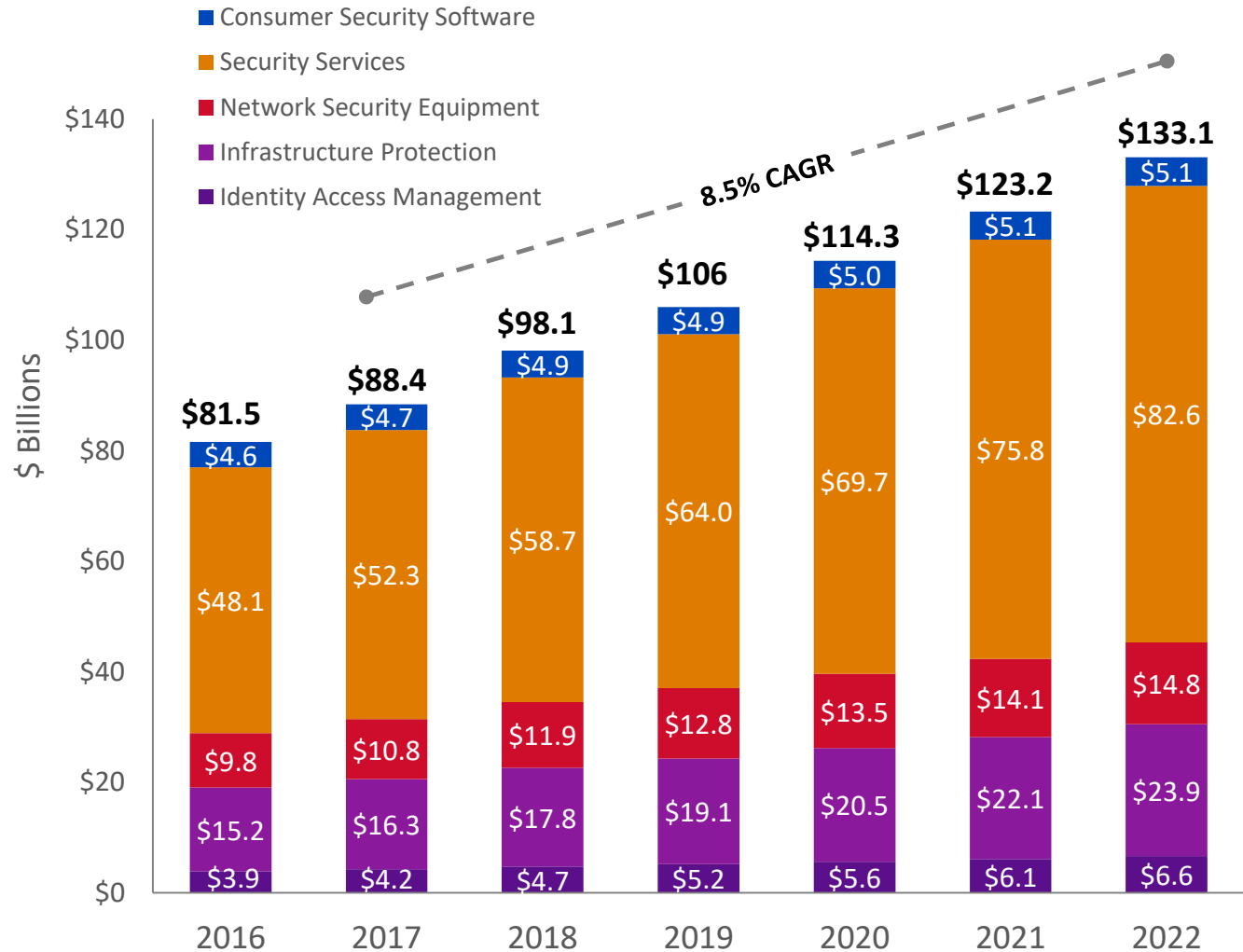
Cybersecurity Market CAGR of 8.5% From 2017 to 2022

Increased frequency and sophistication of attacks

Cybersecurity market expected to grow at a robust pace through 2022

Top priority for Boards and CEOs: Preventing a career-ending cyberattack

- Equifax, Deloitte, Maersk, Yahoo, NSA, OPM





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