



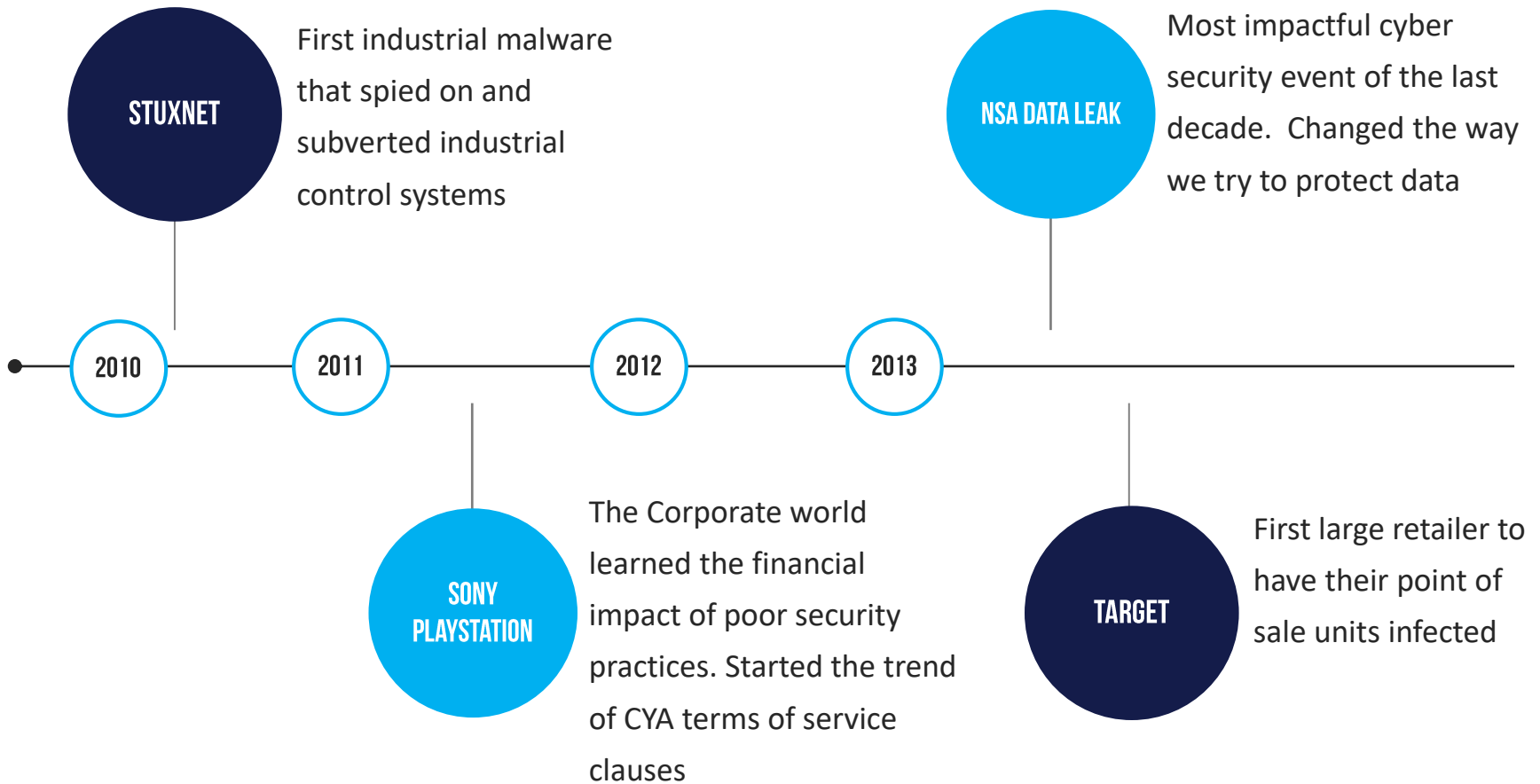
Cybersecurity in 2020

A Reflection on the Previous Decade
& How to Prepare for the Next

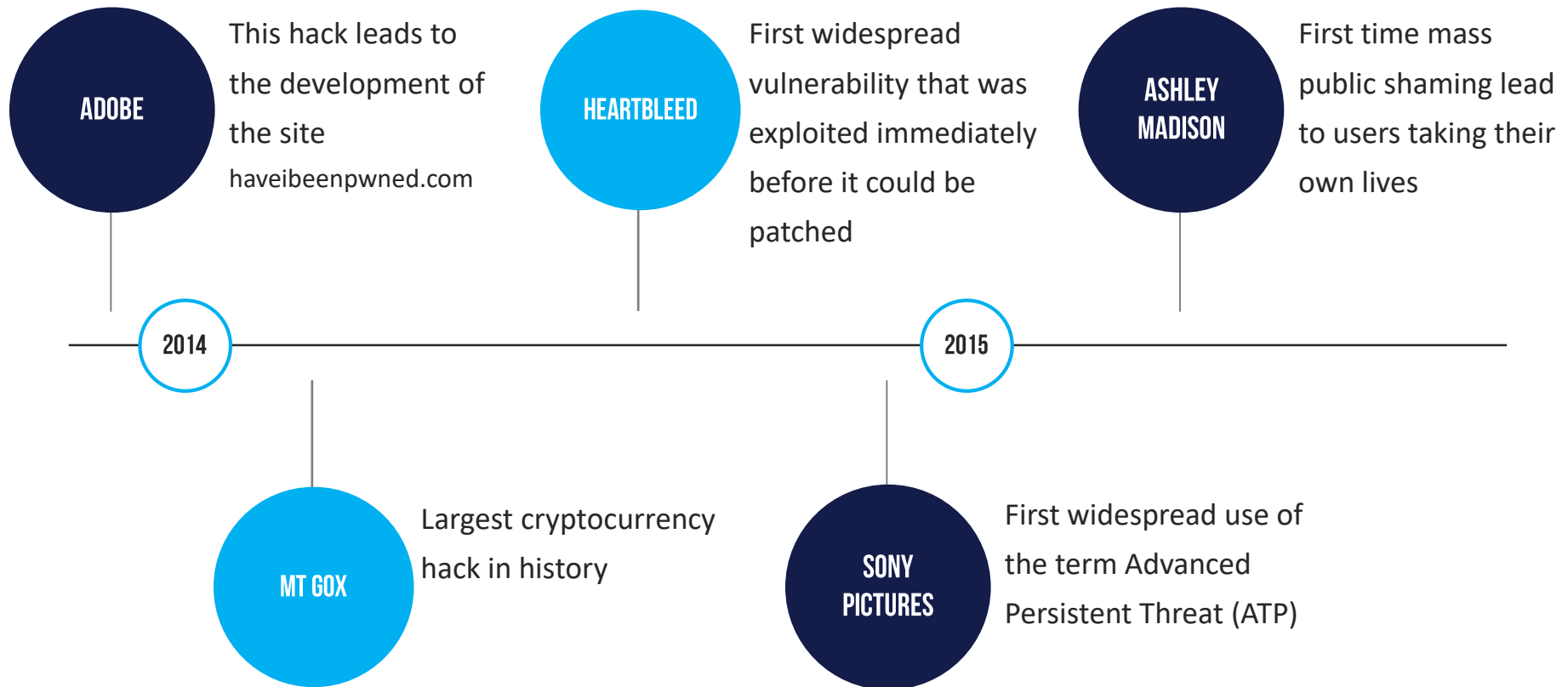
Tech Terms

- Vulnerability
- Exploit
- Zero Day Exploit
- Malware
- Payload
- Advanced Persistent Threat
- Dark Web
- 5G

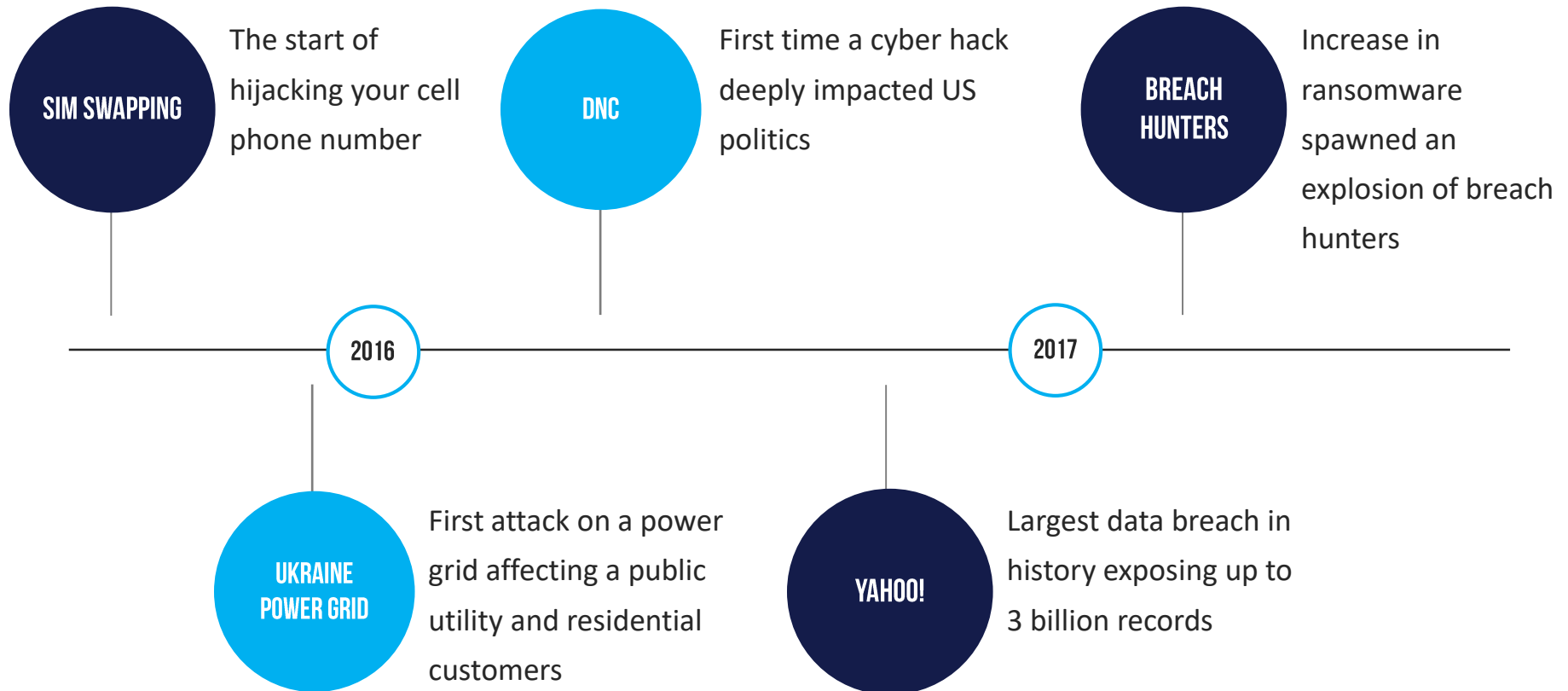
Previous 10 Years



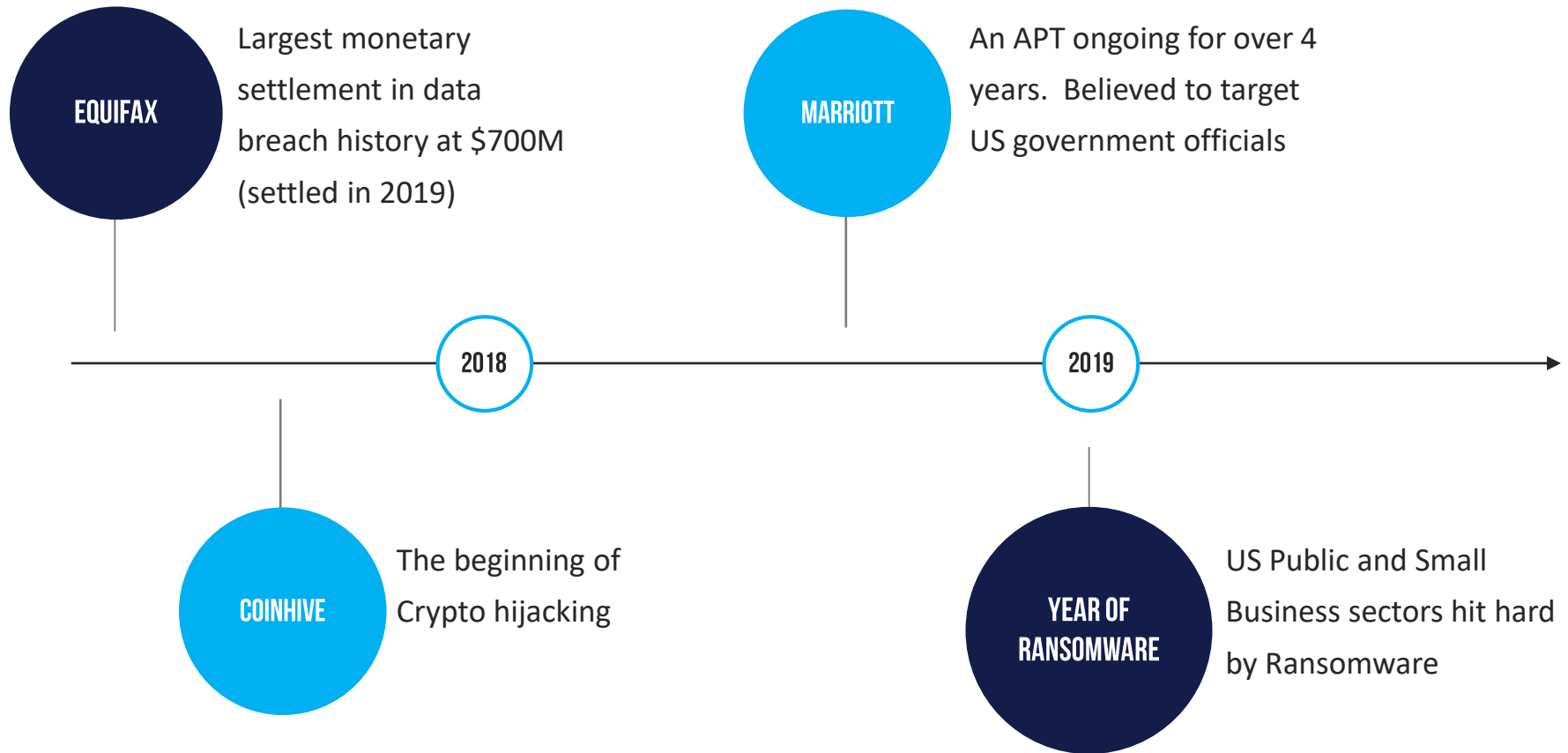
Previous 10 Years



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Previous 10 Years



Takeaway's

- Your personal data is likely exposed, protect yourself
- Everything digital is at risk in this cat and mouse game
- Monetary benefits of holding data ransom may shift to disrupting and damaging systems

Uninformed Executives

- Executives are one of a companies highest security risks
- Ultimate accountability lies within business leadership
- Lack of engagement and knowledge is high risk behavior
- Cybersecurity understanding and awareness will be critical for all leadership and management roles

Global Politics

- Continued cyber espionage
- Nation state hacking will continue increasing the likelihood of impacting businesses
- Businesses of all sizes are now on the cyberwar frontlines
- Number of bad actors / hackers is likely to increase

Artificial Intelligence

- Assist in lowering the time to detect threat actors
- Humans need help to manage the vast number of devices coming online
- Artificial Intelligence will assist in automating the monitoring, detection, management and prevention of cyber attacks

Vendors

- 3rd party IT vendors are targeted by cyber criminals
- Cyber crime will impact your supply chains, especially by vendors with weak security practices
- Take a zero-trust approach to 3rd party access to your systems
- Have checks and balances to mitigate risks

5G

- More devices = more attack surface area
- Faster networks = faster attack proliferation
- Attacks could have huge impact due to interconnected systems

Privacy

- Privacy and cybersecurity regulations are increasing
- Be clear about how you collect, store and protect your data
- Data privacy varies between people of different generations

Not Taking Action

- Everyone is vulnerable
- It may mean losing your business
- Cybersecurity is now part of the cost of doing business

Takeaway's

- Be cyber aware
- Understand, control and audit vendor access
- Understand the type of data you collect, how you collect it and what you do with it
- Work to increase cyber resilience internally and then within your supply chain

Questions?

Thank you!

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