

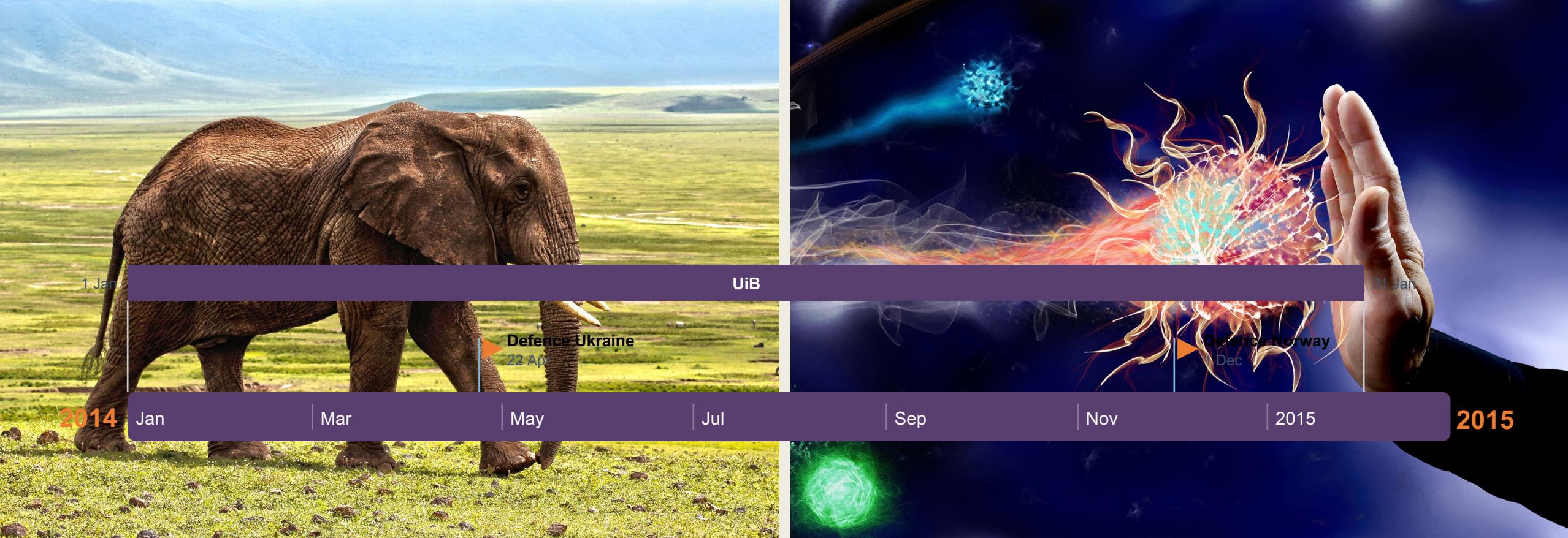
TIME-LAPSE IN INDUSTRY: 5 YEARS IN 40 MINUTES

Oleksandr Kazymyrov

whoami

I received a Ph.D. degree in Information Security, and I am co-author of Ukrainian national standards for block cipher and hash function (DSTU 7624:2014 and DSTU 7564:2014). I am an expert in network security with several certifications such as CISSP, E|CEH (Certified Ethical Hacker) and E|CES (Certified Encryption Specialist). In addition, as a technical test manager / test analyst at EVRY, I have gained expertise in various areas of information security (i.e., security and risk management, network security, penetration testing, and operation of critical and security systems). My current position is Information Security Manager with the overall responsibility of information security in G2 Ocean, Grieg Star and Gearbulk.





DEFENSE



GRADUATION

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OWASP TOP TEN

THEN 2013

- A1 – SQL injection
- A2 – Broken Authentication and Session Management
- A3 – Cross Site Scripting (XSS)
- A4 – Insecure Direct Object references**
- A5 – Security Misconfigurations
- A6 – Sensitive Data exposure
- A7 – Missing Function Level Access Control**
- A8 – Cross-Site Request Forgery (CSRF)
- A9 – Using components with Known Vulnerabilities**
- A10 – Unvalidated Redirects and Forwards**



NOW 2017

- A1 – Injection
- A2 – Broken Authentication
- A3 – Sensitive Data Exposure**
- A4 – XML External Entities (XXE)
- A5 – Broken Access Control**
- A6 – Security Misconfigurations
- A7 – Cross Site Scripting (XSS)**
- A8 – Insecure Deserialization
- A9 – Using components with Known Vulnerabilities
- A10 – Insufficient logging and monitoring



Applicability		Building			Building, Configuration, Deployment Assurance and Verification			Assurance and Verification	
Level 1	All apps		Secure Coding	Standards and checklists	Secure & Peer Code Review	DevSecOps	Unit and Integration Tests	Penetration Testing	DAST
Level 2	All apps	Security Architecture and Reviews	Secure Coding	Standards and checklists	Secure & Peer Code Review	DevSecOps	Unit and Integration Tests	Hybrid Reviews	SAST
Level 3	High Assurance	Security Architecture and Reviews	Secure Coding	Standards and checklists	Secure & Peer Code Review	DevSecOps	Unit and Integration Tests	Hybrid Reviews	SAST
Legend		Acceptable			Suitable				



Measure Cyber Exposure and benchmark against peers



Vulnerability Management On-Prem

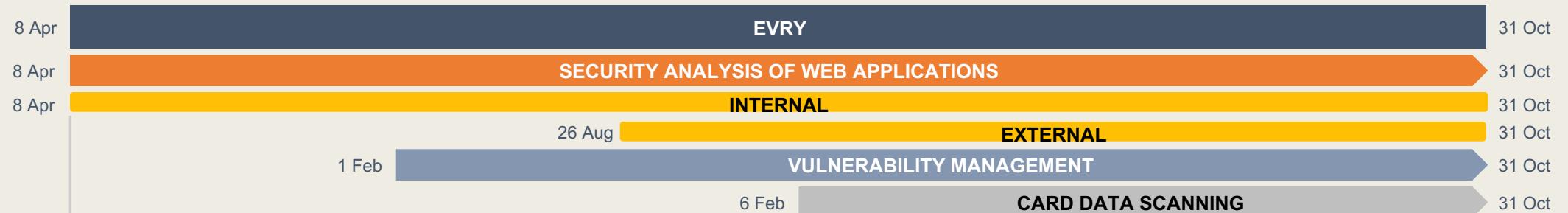


Vulnerability Management in the Cloud





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2015 2016 2017 2018



Food & Co.



HVOR FORNØYD ER DU MED...

Totalopplevelsen hos oss i dag



Rekkefølgen i oppsvaskområdet



Renhold av fat, bestikk, glass og brett



Hvordan vi tok i mot deg



Variasjonen i salatbaren



Kommentar

Noe annet du ønsker å fortelle oss?

Irrelevant spørsmål? Bare trykk

SEND



Food & Co.



Spinn & Vinn

Kontakt Restaurantlederen for premie



NEI TAKK

SPINN!

The image features a central, large, bold purple word "CYBER" positioned above a large, bold black word "SECURITY". The words are surrounded by numerous other terms in various sizes and colors, all related to cybersecurity and hacking. The surrounding words include:

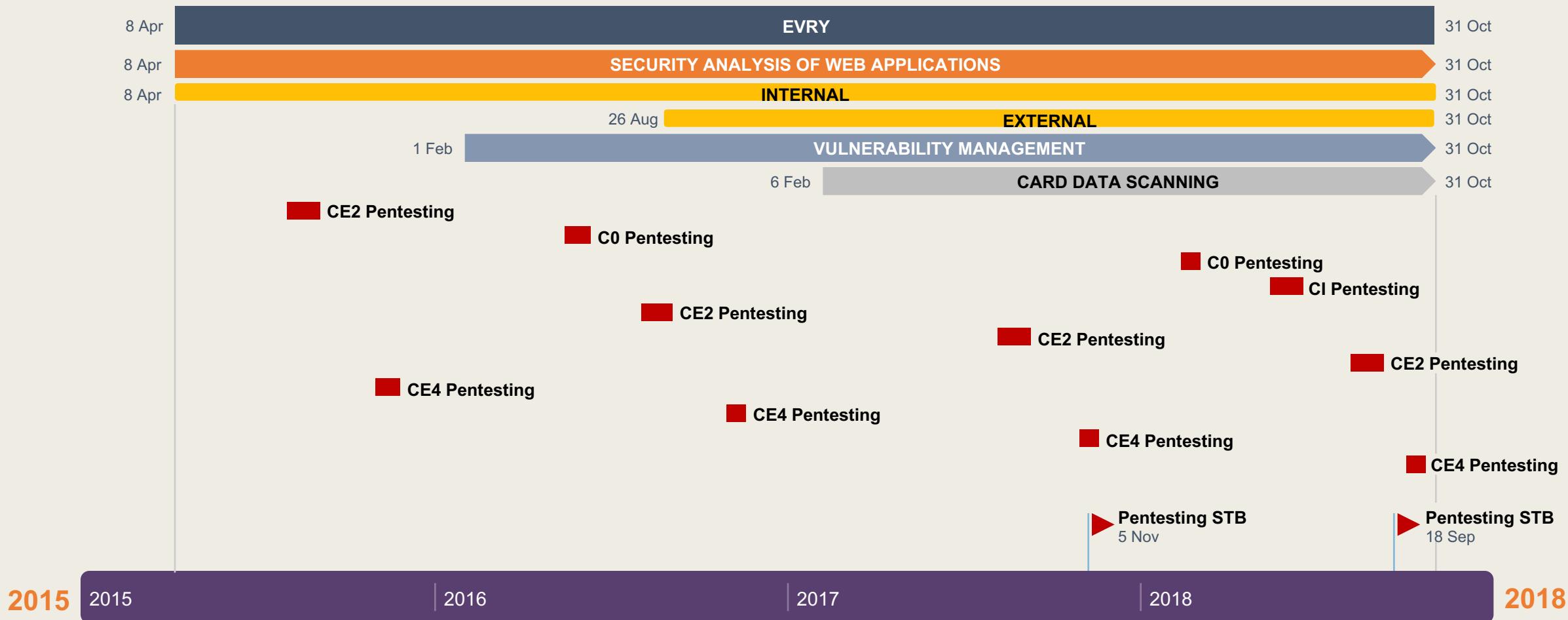
- corporations
- internet
- remote administration tools
- SSL
- government
- wikileaks
- root
- data spoofing
- data dump
- keylogger
- antivirus
- blackhat
- whitehat
- database
- firewall
- worms
- script kids
- encryption
- stuxnet
- warez
- defacement
- surveillance
- world wide web
- malwares
- distributed denial of service
- denial of service
- cyberespionage
- adware
- porn
- trojan
- bitcoin
- dark web
- financial institutions
- activism







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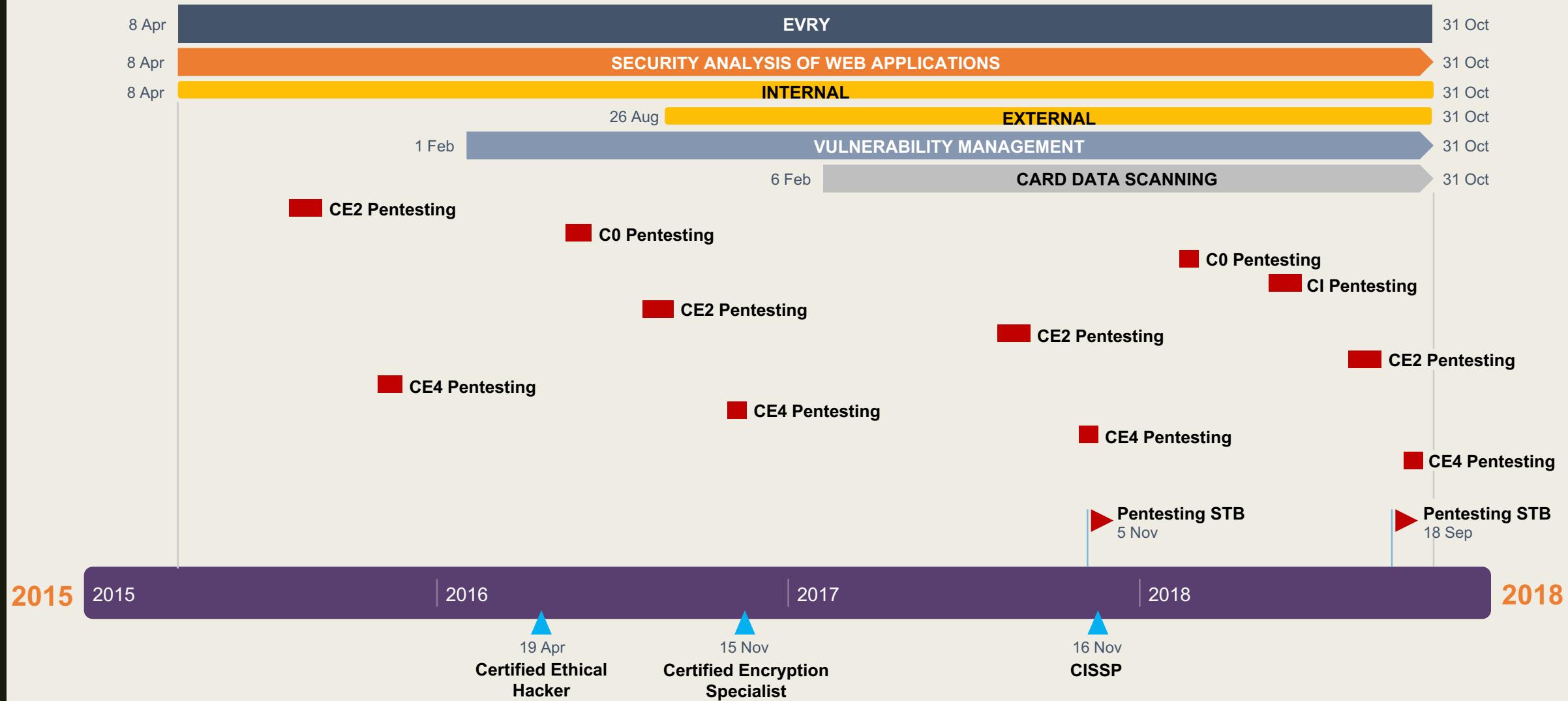


TM



CERTIFICATIONS

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Talks

- **EHiN 2018**

Kan krypto gjøre at hvor data lagres blir uvesentlig?

- **NDC Oslo 2018**

Getting benefits of OWASP ASVS at initial phases

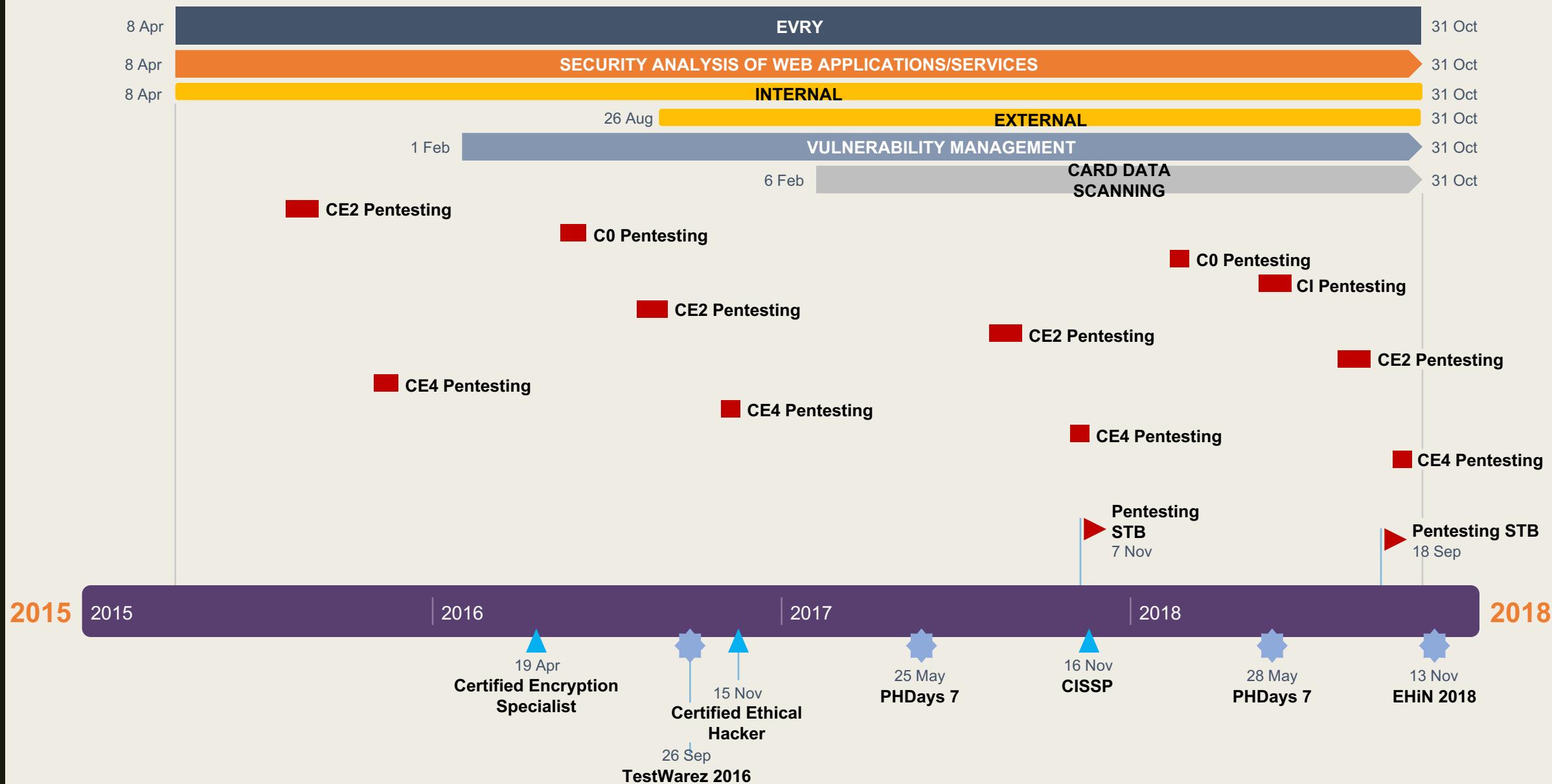
- **PHDays 7**

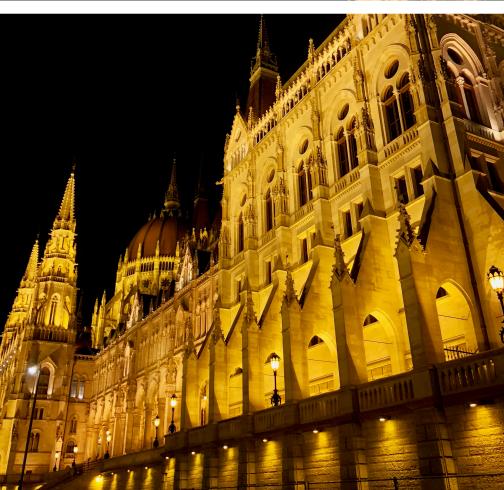
Jumping from Tenable's SecurityCenter CV to production environments

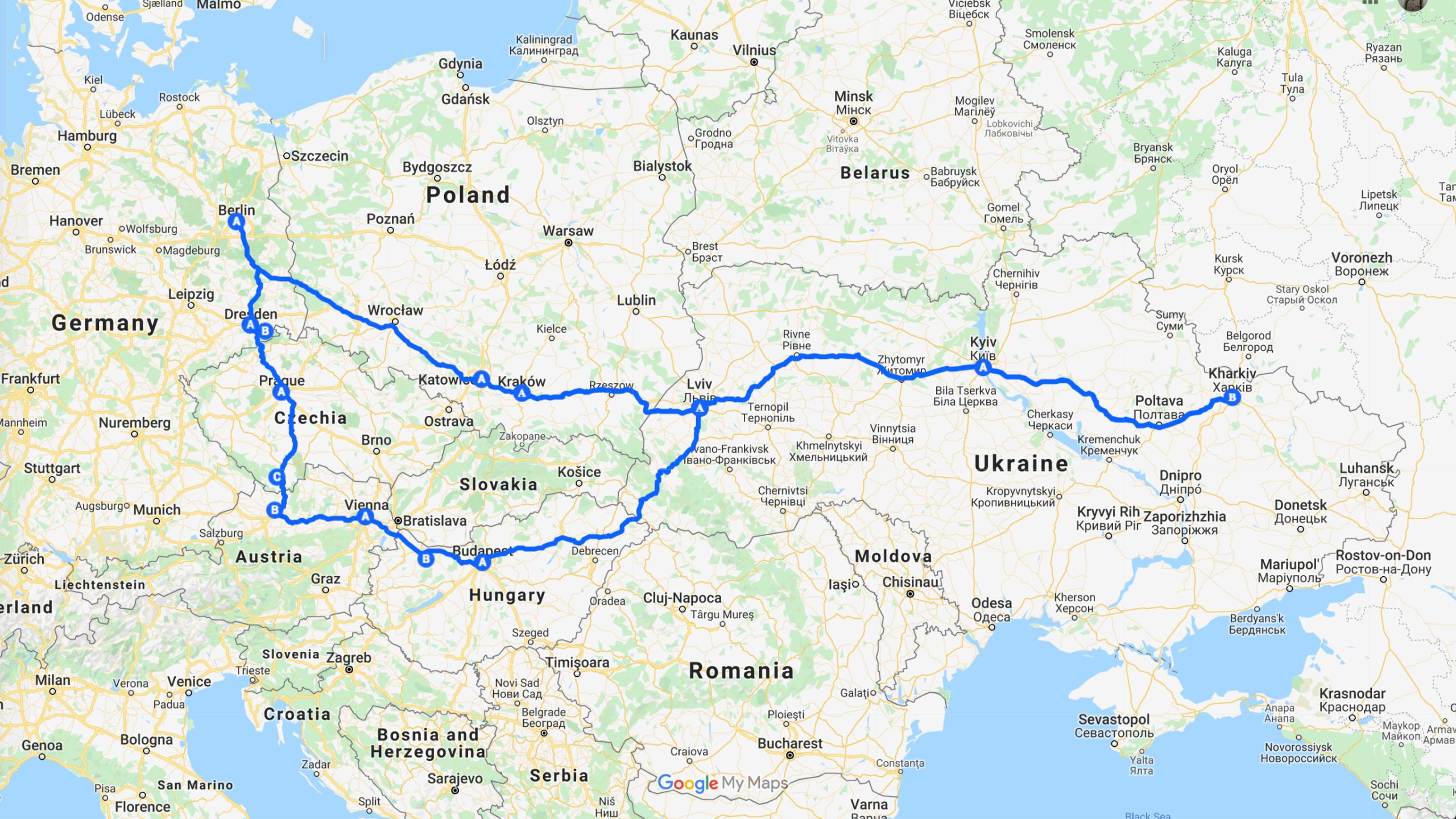
- **TestWarez 2016**

OWASP ASVS for NFTaaS in Financial Services

Live in EVRY

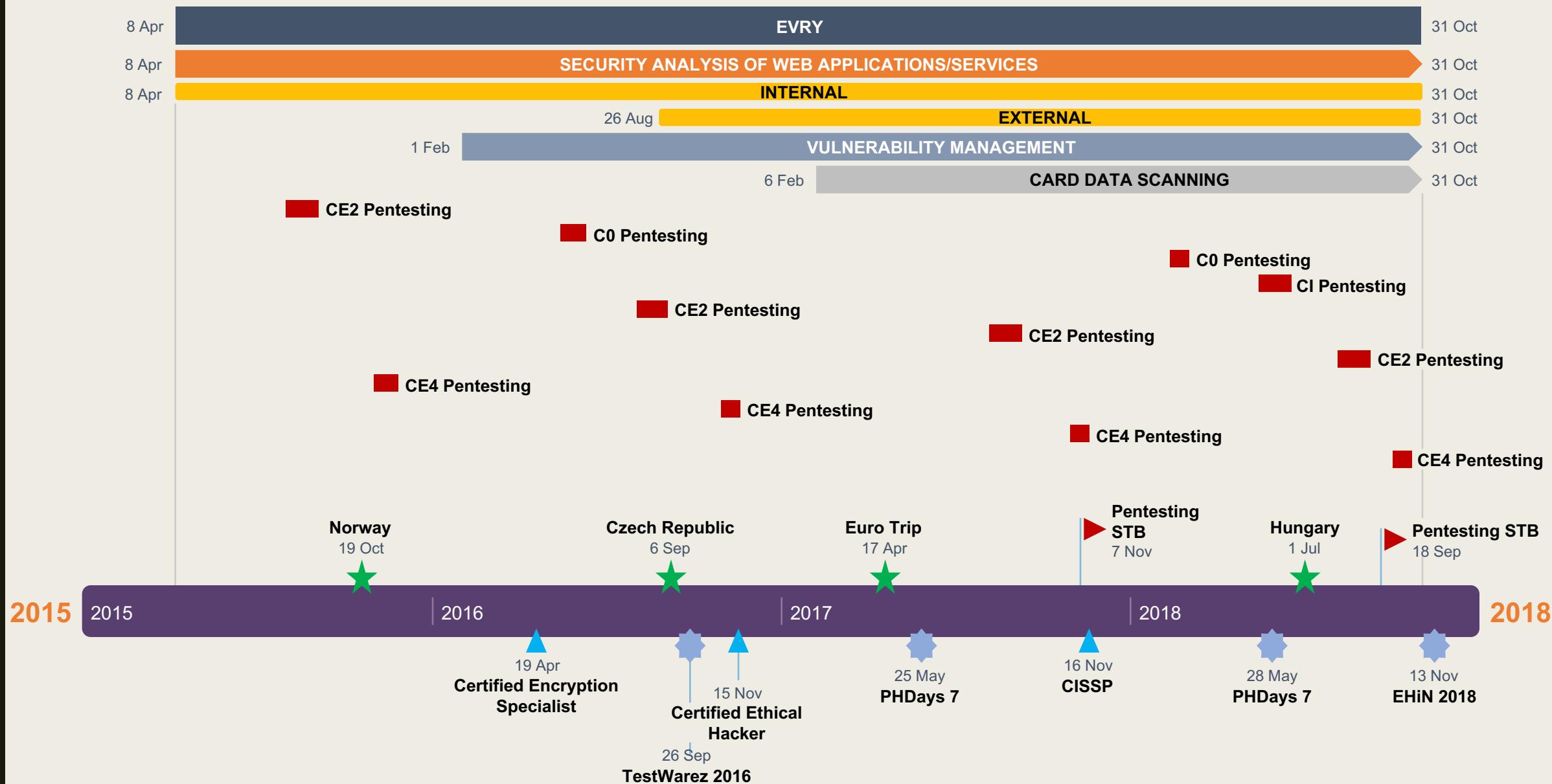






Google My Maps

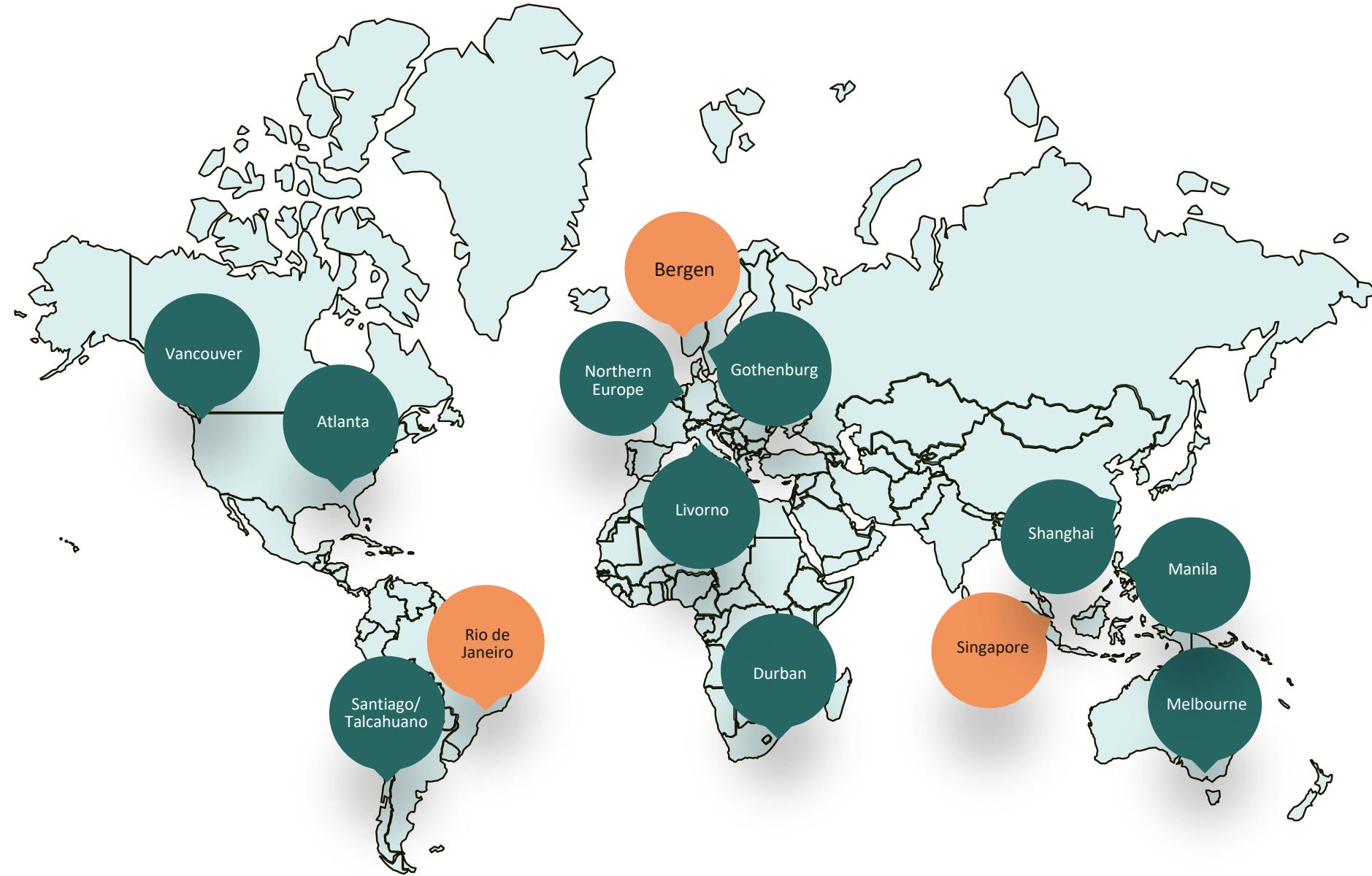
Live in EVRY





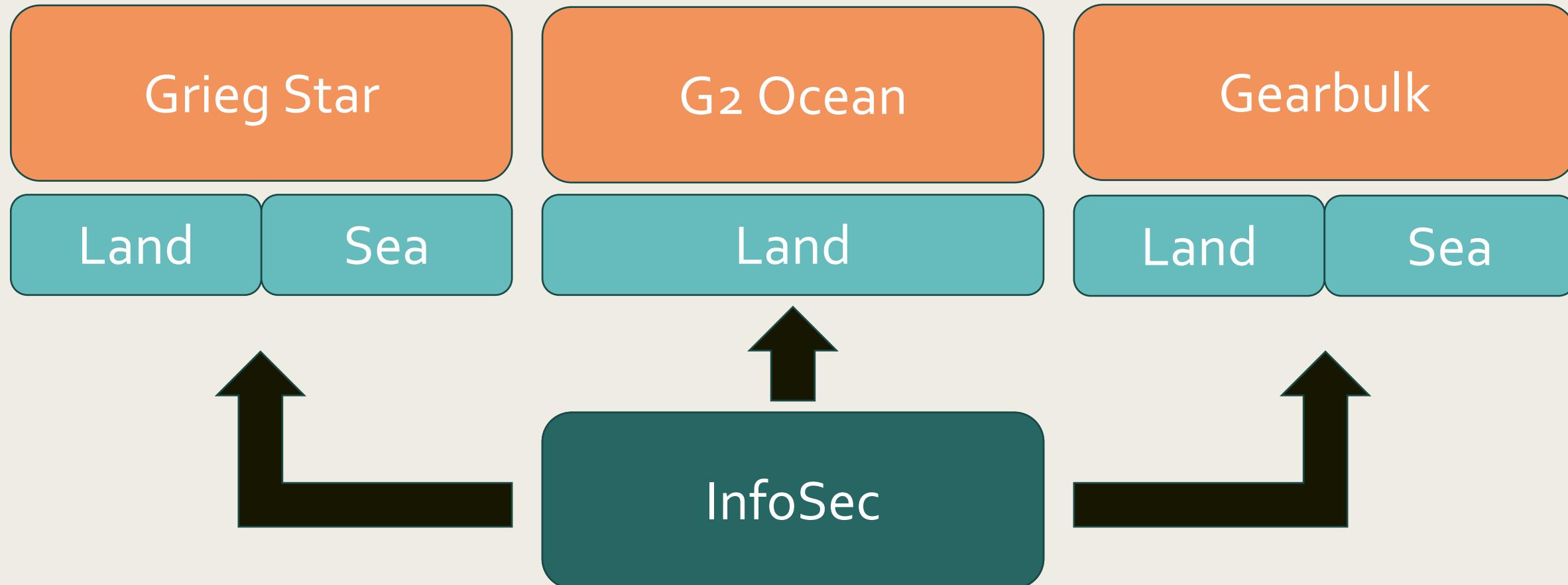
G2 OCEAN

PIONEERING SUSTAINABLE SHIPPING SOLUTIONS

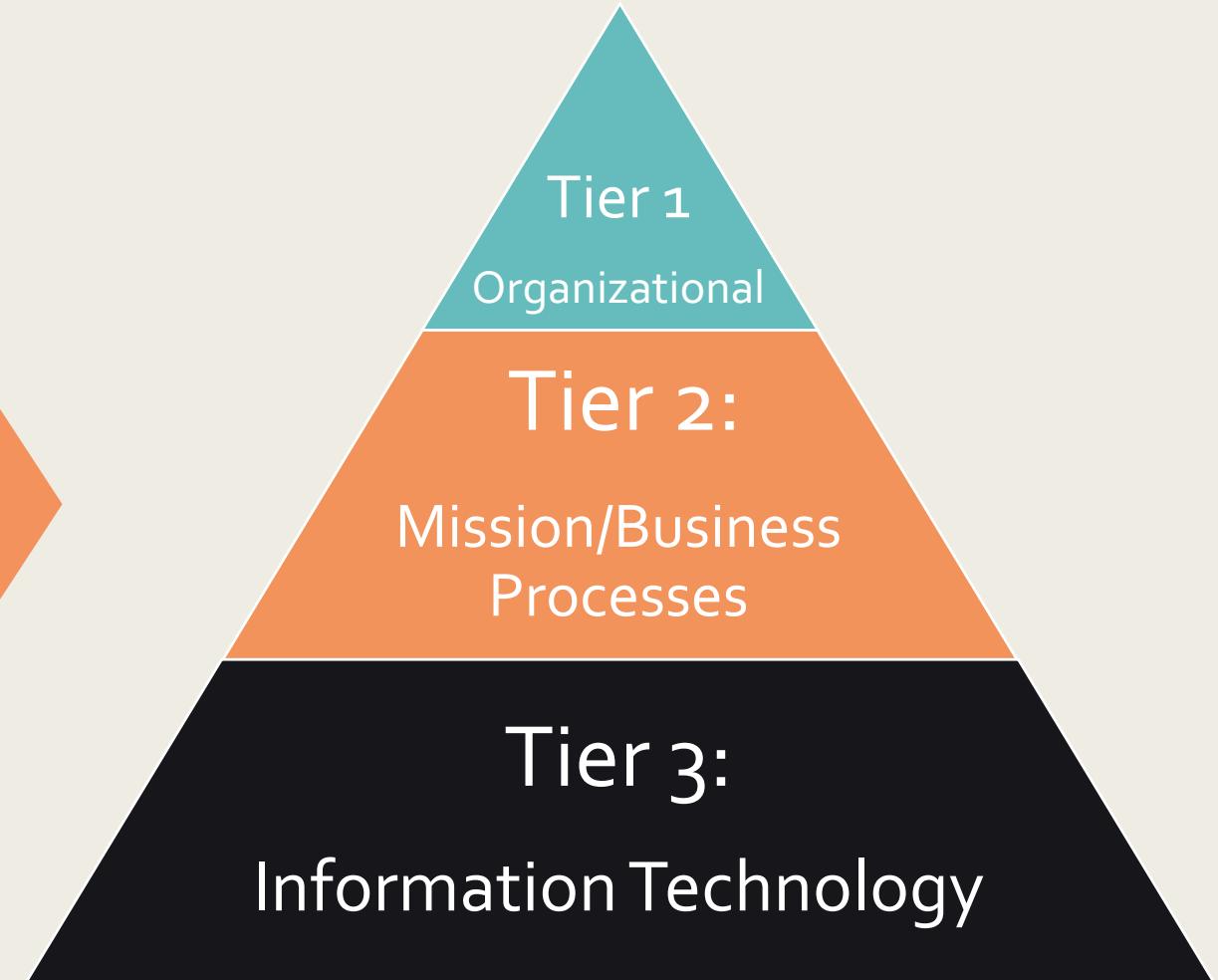


unity

What is UnIty?

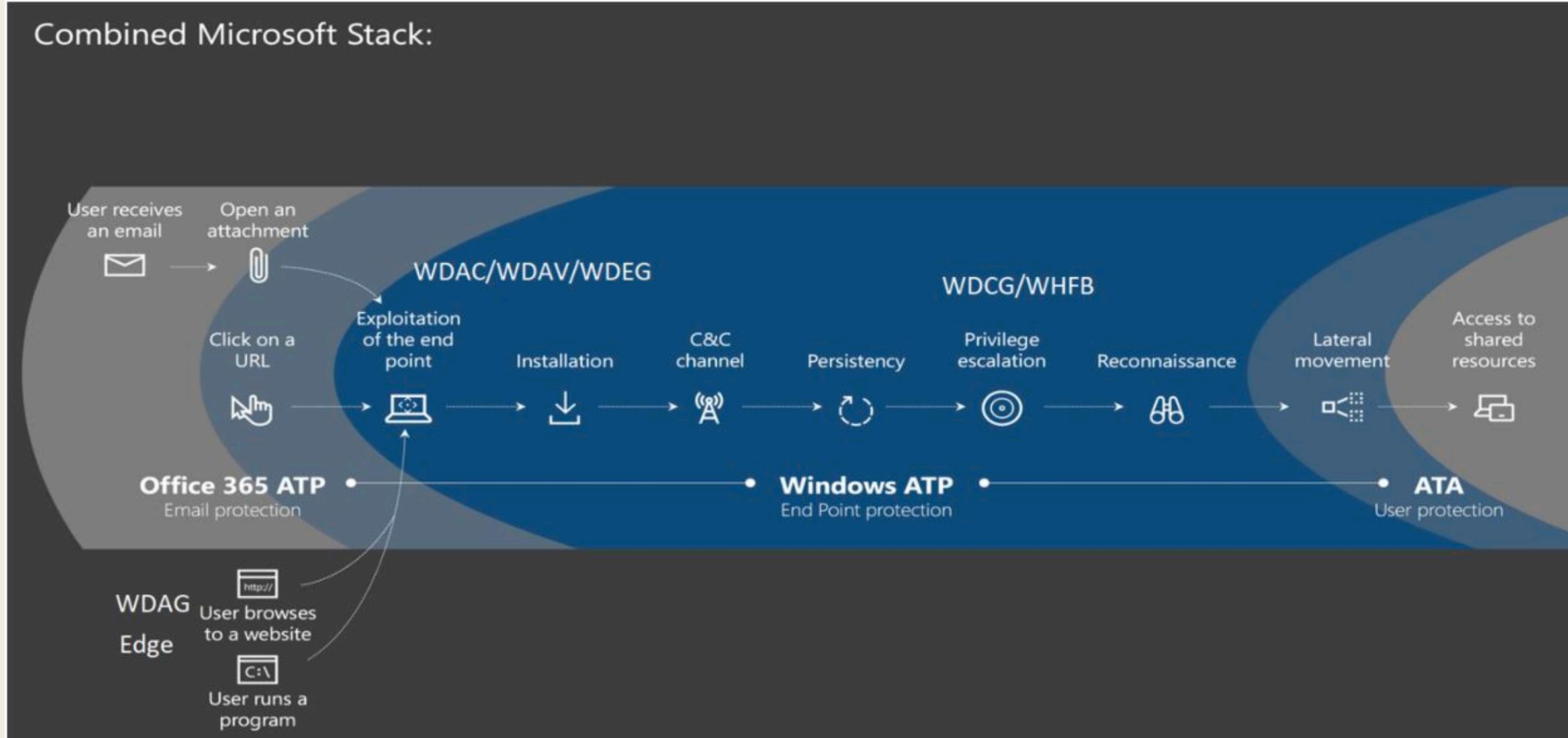


Metamorphosis

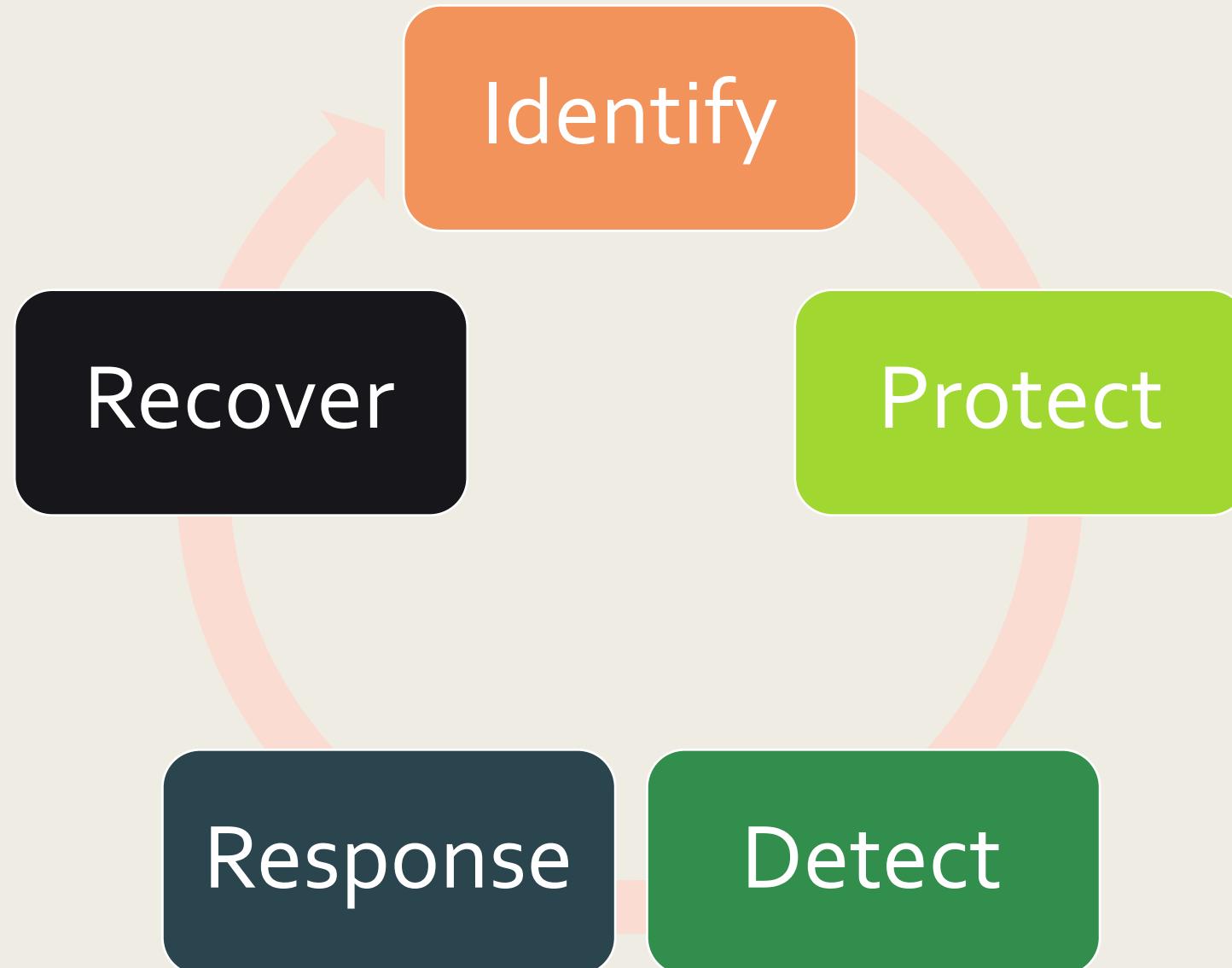


The Cyber Kill Chain

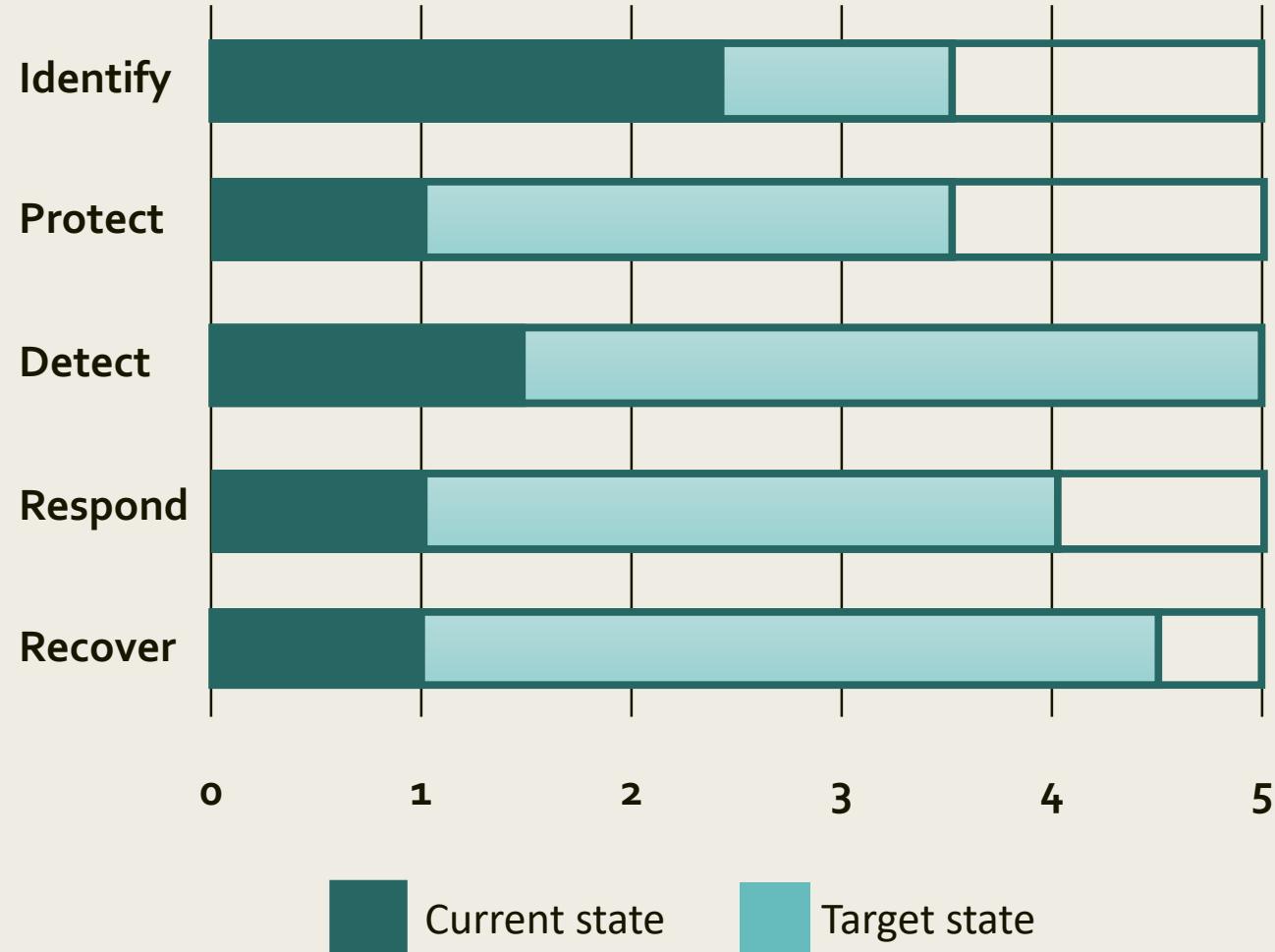
Combined Microsoft Stack:



NIST Cybersecurity Framework

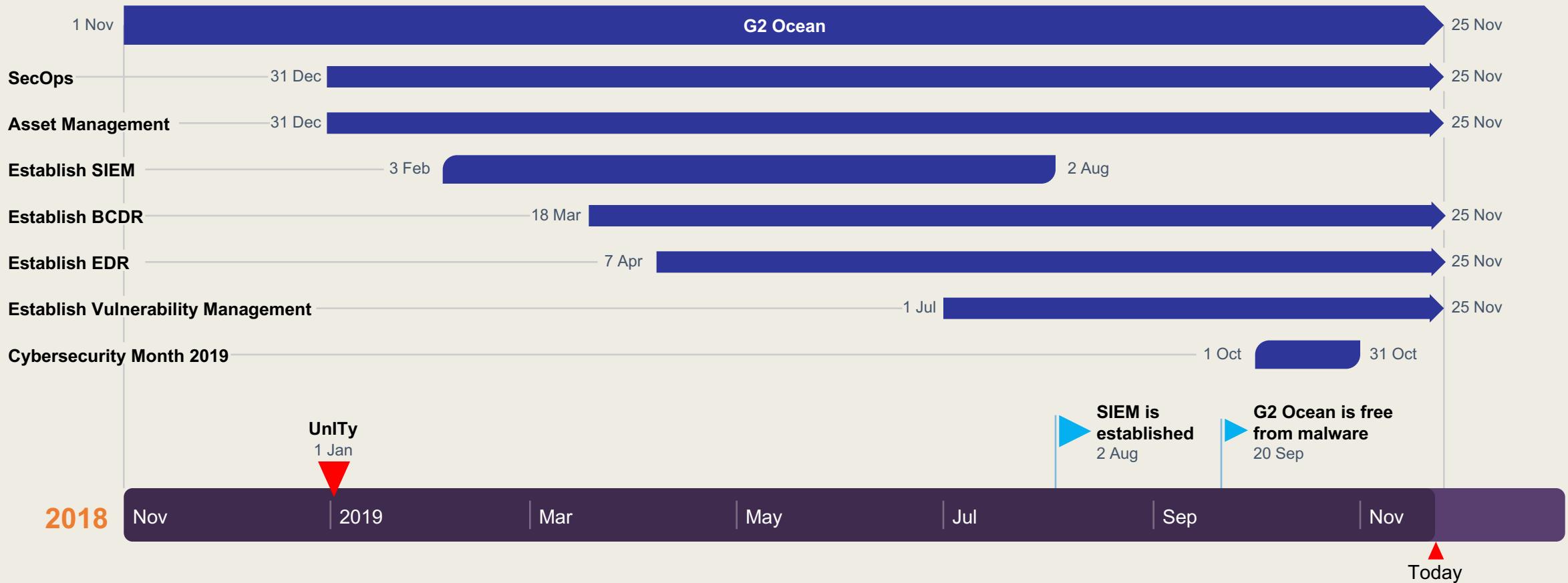


Maturity of Information Security



FUNCTION	CATEGORY	CIS CONTROL
Identify	Asset Management	CIS Control 1, 2
	Business Environment	
	Governance	
	Risk Assessment	CIS Control 3
	Risk Management Strategy	
	Supply Chain Risk Management	
Protect	Identity Management, Authentication, and Access Control	CIS Control 4, 9, 11, 12, 13, 14, 16
	Awareness and Training	CIS Control 4, 17
	Data Security	CIS Control 1, 2, 13, 14, 18
	Information Protection Processes and Procedures	CIS Control 3, 5, 7, 10, 11
	Maintenance	CIS Control 4, 12
	Protective Technology	CIS Control 4, 6, 8, 11, 13, 14, 16
Detect	Anomalies and Events	CIS Control 6, 9, 12, 19
	Security Continuous Monitoring	CIS Control 3, 8, 19
	Detection Processes	CIS Control 6
Respond	Response Planning	CIS Control 19
	Communications	CIS Control 19
	Analysis	CIS Control 3, 19
	Mitigation	CIS Control 3, 19
	Improvements	CIS Control 19
Recover	Recovery Planning	CIS Control 19
	Improvements	CIS Control 19
	Communications	CIS Control 19

Live in G2 Ocean



Security by Design

Response & Recover

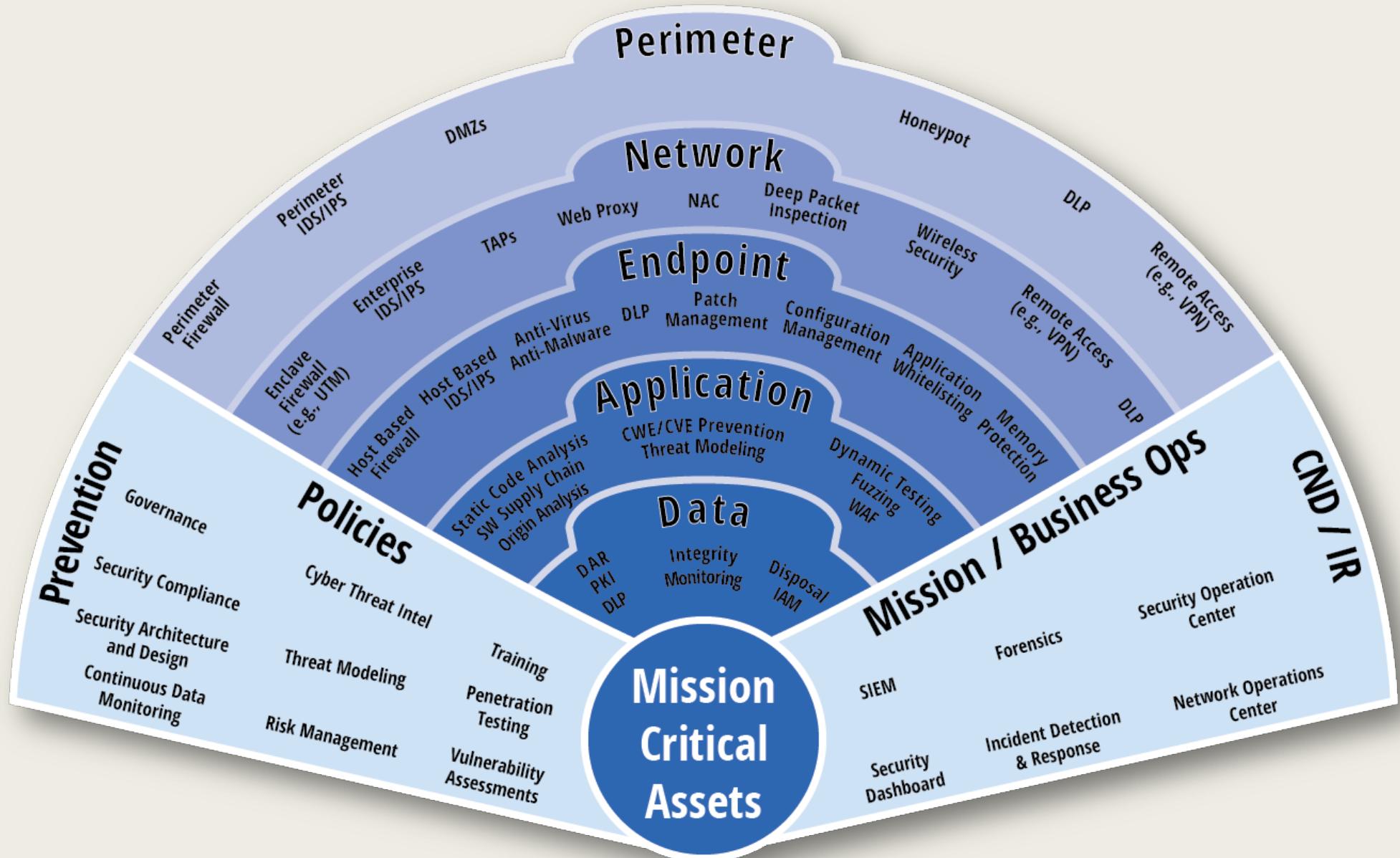
**Information
Security
Services**

Protection & Prevention

Prediction & Detection

Verification & Exercise

Layered Security (Defence in Depth)



5 Years in 40 Minutes

