


Cybersecurity Imperative in Customs Operations



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Customs Agencies Cyber Security Needs



Protect sensitive data from internal and external threats

June 2019: North America Customs Agency's cyber attack exposes license plates and traveler faces who crossed country border. [source](#)



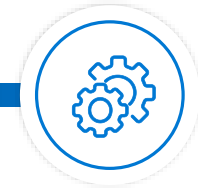
Modernize cybersecurity operations and address talent gaps

Dec 2019: Lloyd's of London estimates cost of coordinated cyber-attack against 15 Asian ports would up to \$110 Billion, of which 92% are uninsured. [source](#)



Strengthen cyber resiliency to safeguard customs agencies

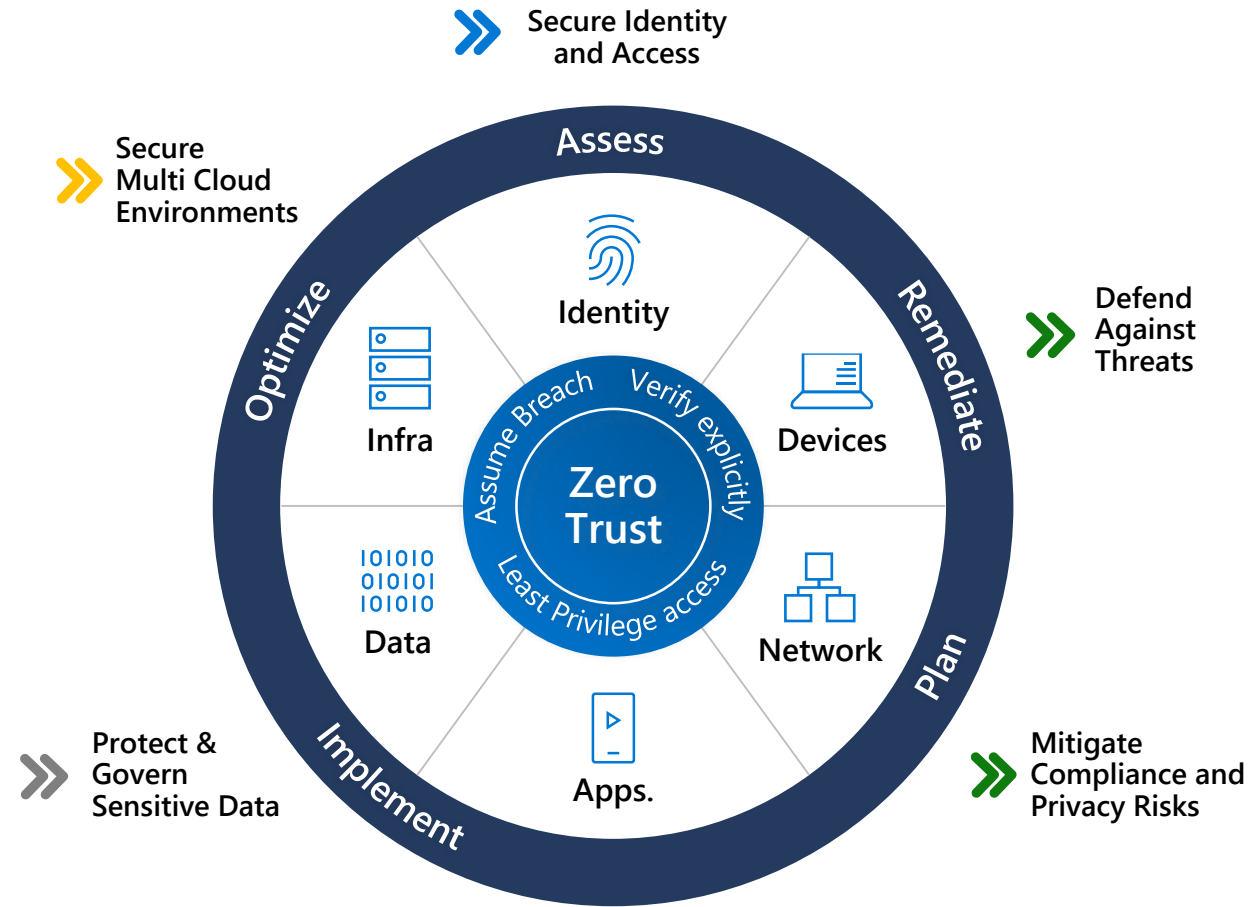
Feb 2022: Multiple ports in Western Europe reported issues after a cyberattack resulting into difficulties to unload barges. [source](#)



Modernize workspaces and Customs legacy systems

June 2023: US and European airports hit by cyberattack on internal systems, from a ransomware group. [source](#)

Modern approach to cybersecurity in customs operations





Government of Albania recovers from cyberattack in 3 days

"We worked with Microsoft to recover from a sophisticated, targeted cyberattack in only three days. Our crisis became an opportunity to make our digital infrastructure stronger."

– Linda Karcanaj: Director General, AKSHI



Situation

The Government of Albania faced a sophisticated double-pronged assault - a decoy ransomware attack coupled with a "wiper" attack designed to destroy systems and data.

The Albanian National Agency for Information Society (AKSHI) took swift action by isolating its infrastructure and shutting down critical systems to prevent damage.



Solution

AKSHI worked closely with Microsoft to deploy cutting-edge security technology.

Microsoft Defender for Endpoint, Defender for Identity, and Microsoft Sentinel, helped AKSHI to gain comprehensive visibility across its infrastructure and prepare for future attacks.



Impact

AKSHI's successful defense against the cyber-attack and their subsequent security modernization efforts, enabled the Government of Albania to rise stronger and have its most resilient infrastructure to date.

Benefits of a Cybersecurity Strategy



Stop system attacks
before they happen

Reduce likelihood of a
data breach by **45%**.¹



Detect threats across
Customs Agency systems

Reduce time to mitigate
threats by **50%**.²



Investigate and
respond faster

Native Anomaly behavior analytics
reduce time associated with
advanced investigations by **80%**.³

1. The Total Economic Impact™ of Azure Active Directory, a commissioned study conducted by Forrester Consulting.
2. The Total Economic Impact™ of Azure Security Center from Forrester Consulting.
3. The Total Economic Impact™ of Microsoft Azure Sentinel from Forrester Consulting.

Thank you

