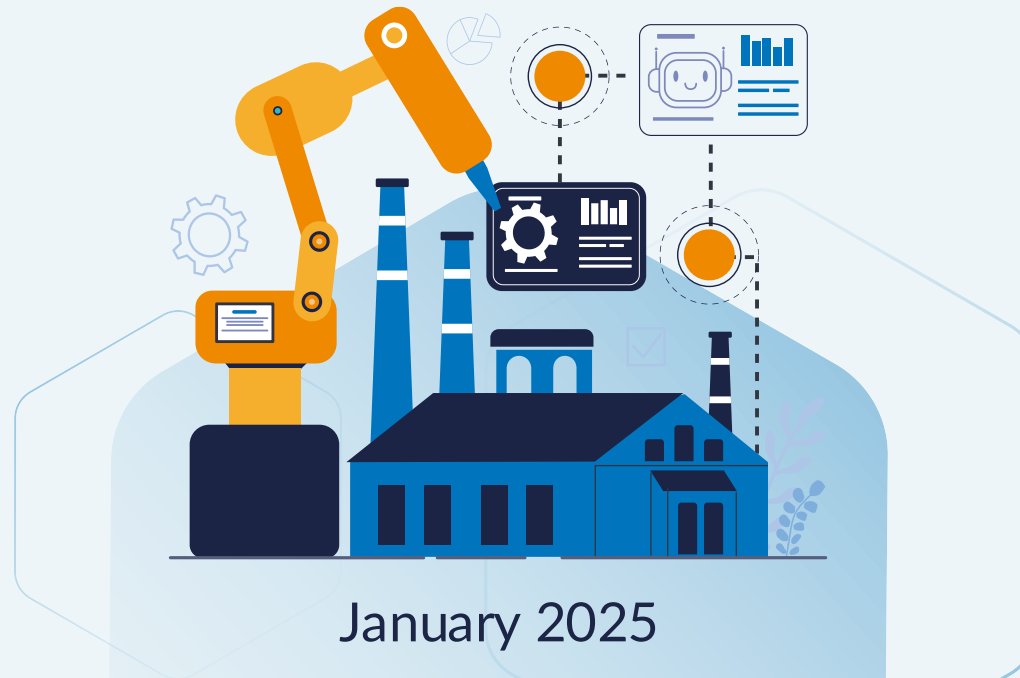


Tern Capital markets update

Darron Antill

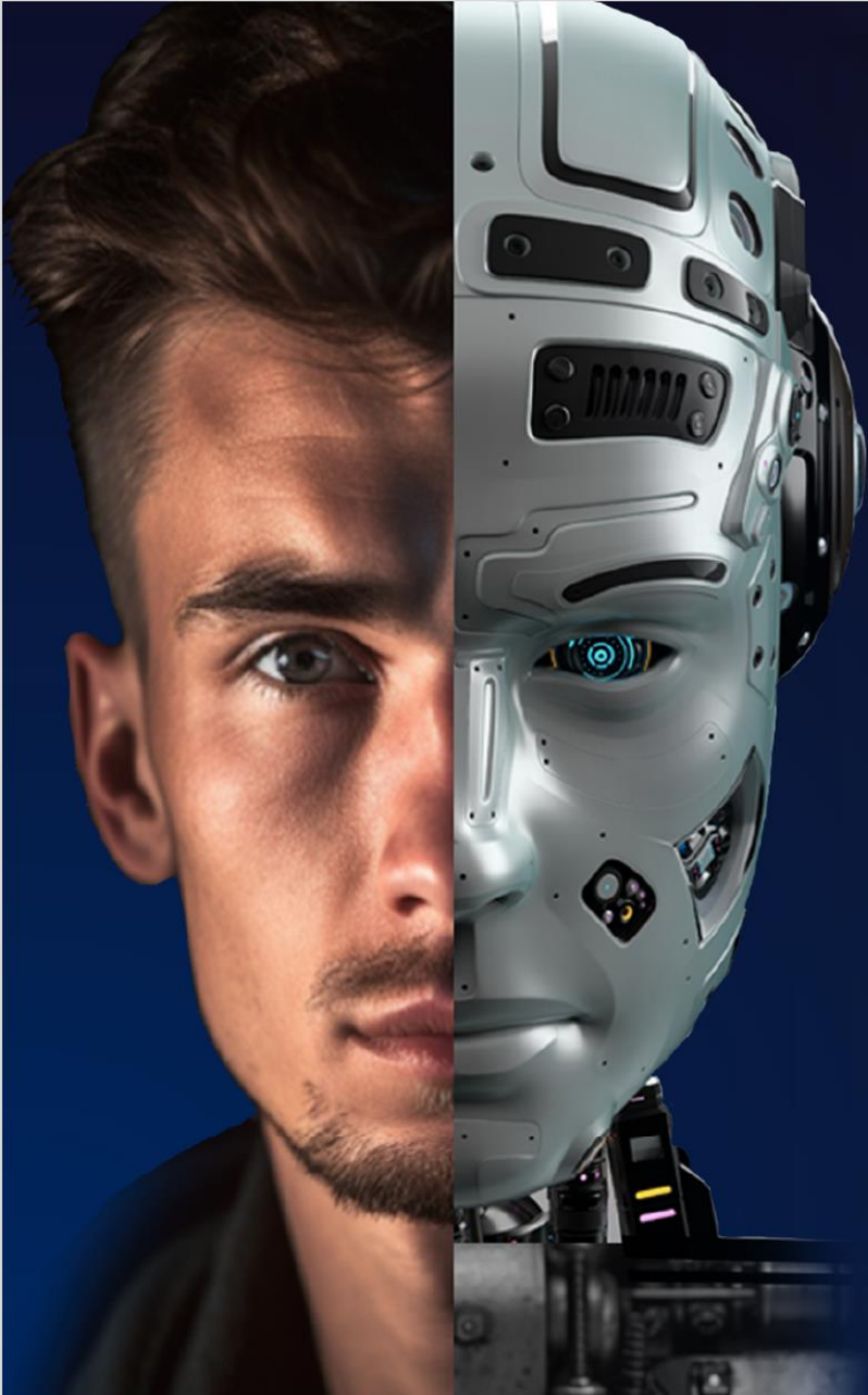
CEO, Device Authority



January 2025

The Relevance Question.

Device Authority is still very relevant?



Identity Growth and Impact

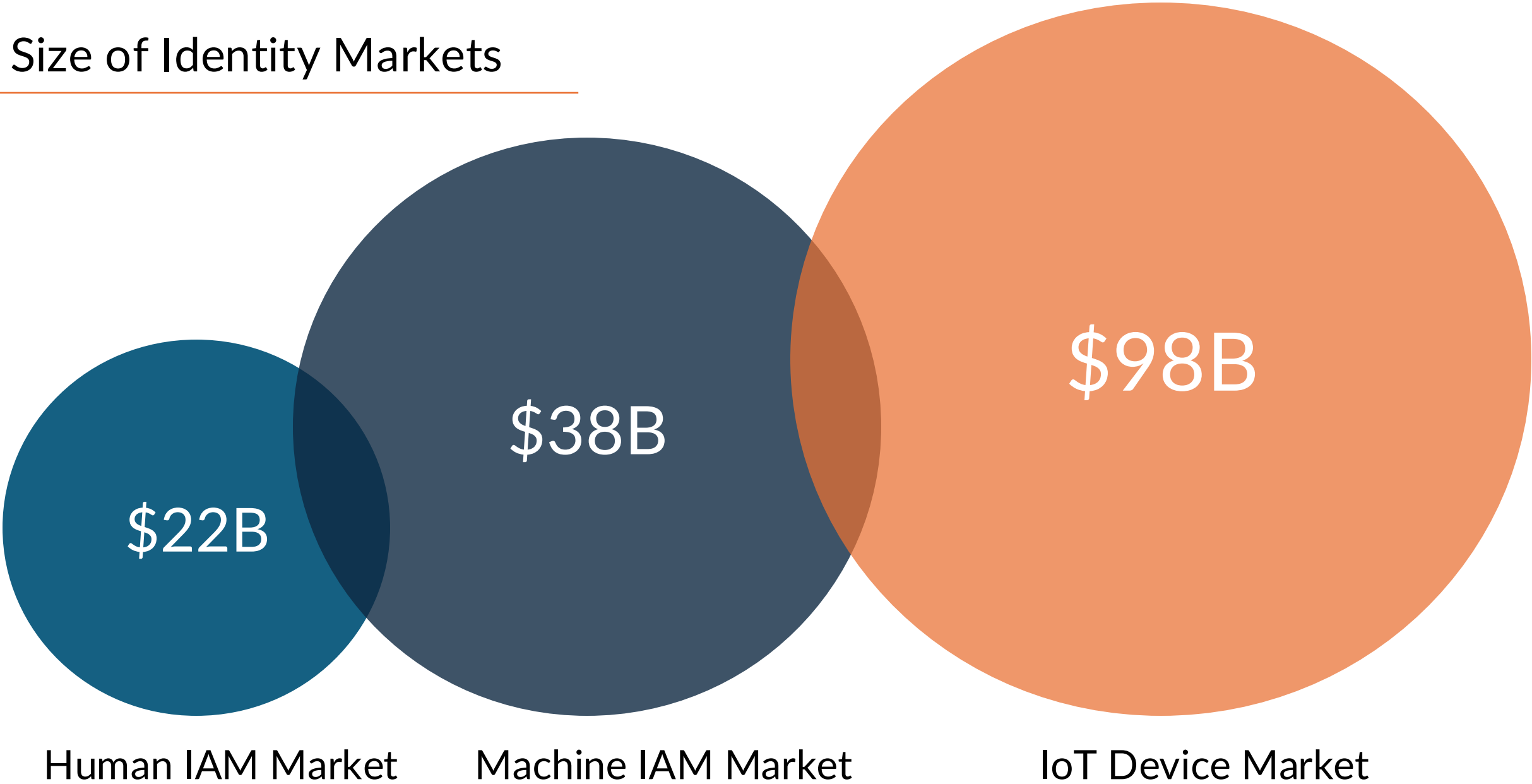
52% of human identities have access to sensitive data

68% of non-human identities have access to sensitive data and they outnumber humans **45:1**

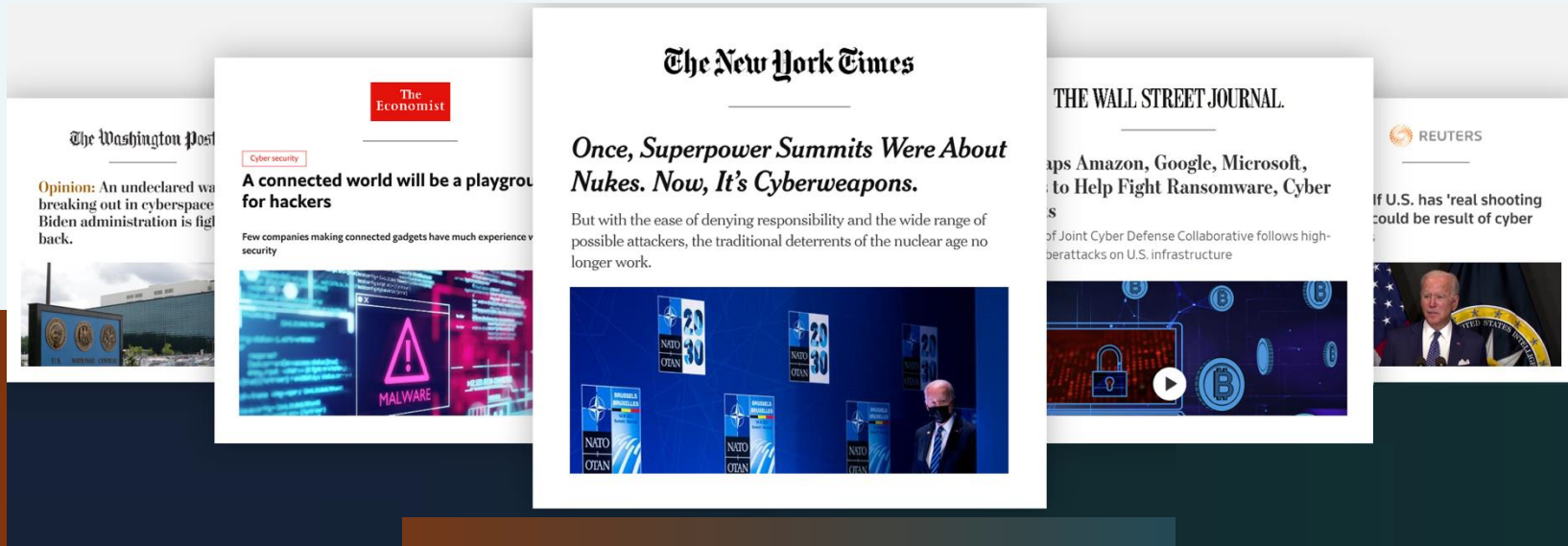
The average staff member has access to **30** different accounts and applications

There's been a **2.4x** increase in the number of identities this year

Size of Identity Markets



Security Is a Defining Challenge Of Our Time



Cybercrime Today Equals The 3rd Largest Economy In The World And Growing Fast



Cost of Cybercrime Is Out Of Control



A Fragmented Industry Can't Keep Pace with Today's Adversaries

People Factor

Security Culture

- 97% of the time hackers "login, not break into" the IT systems.
- ~70% of people open their phishing emails, and ~50% of people are tricked by them.



4M

Open jobs worldwide

Source: (ISQ)²



28%


Business leaders concerned about data or IP loss due to improper use of AI

Source: IDC

Sophistication, Speed, And Scale Of Cyber Attacks Are Increasing

Password attacks per month

3B



30B


2023

2022

Source: Microsoft

Threat actors tracked by Microsoft

200



300+

2023

2022

Source: Microsoft

300+
Unique
Threat
Actors

160+
Nation
State
Actors

50+
Ransome
Ware
Groups

80

Organizations use an average of 80 security tools

Source: Microsoft



Industry Fragmentation

Today's security leaders have to manage a full spectrum of identities to meet Zero Trust standards:



Workforce

IT

Developers

Machines



Target Resources



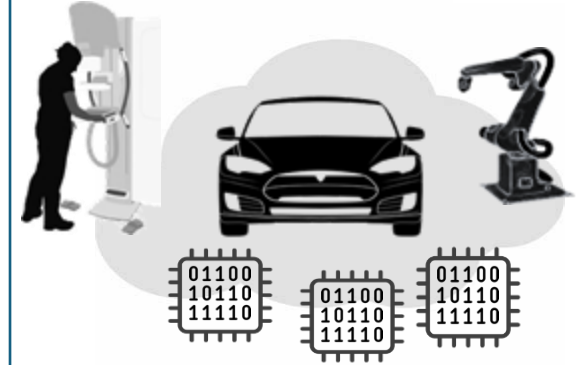
Endpoints,
Data, Biz Apps



Data, Apps,
Workloads, CI/CD Tools



Data, Apps, Workloads,
Code Repos, Cloud Services



Devices, Data, Apps,
Workloads, Code

Access to Data

Access and ability to change data and infrastructure

Access and ability to change data, infrastructure, and code

Risk of Access Level



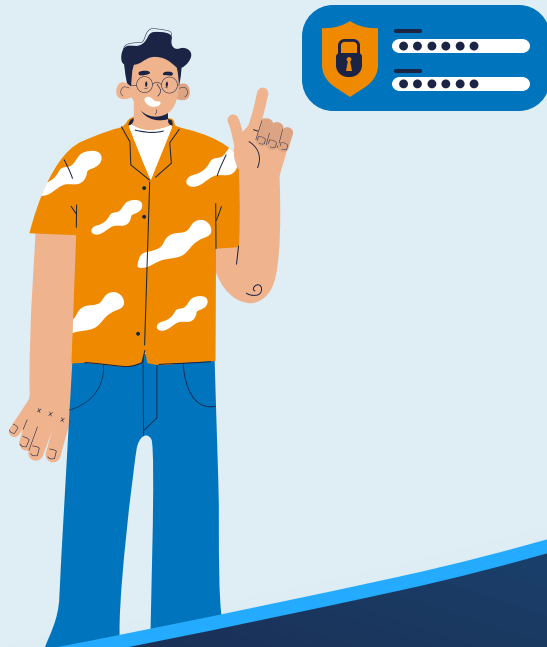
Low

Complexity of Access

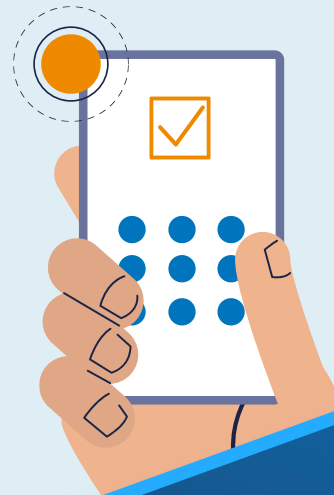
High

Which Translate into 3 Broad Management Strategies:

Human Identities
augmented by Multi-Factor Auth



Machine Identities
using keys and certificates



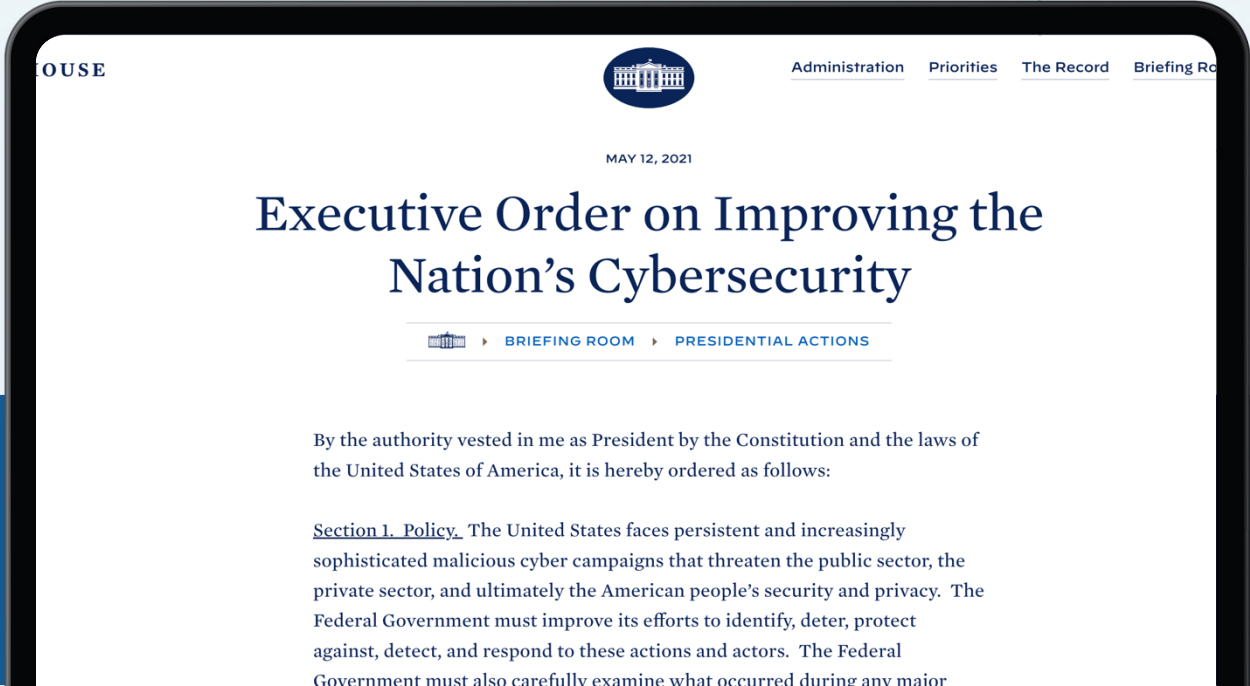
IoT/OT Device Identities
requiring Zero-Touch Automation



Complexity of Access
X Volume of Identities



Potential for
Human Error

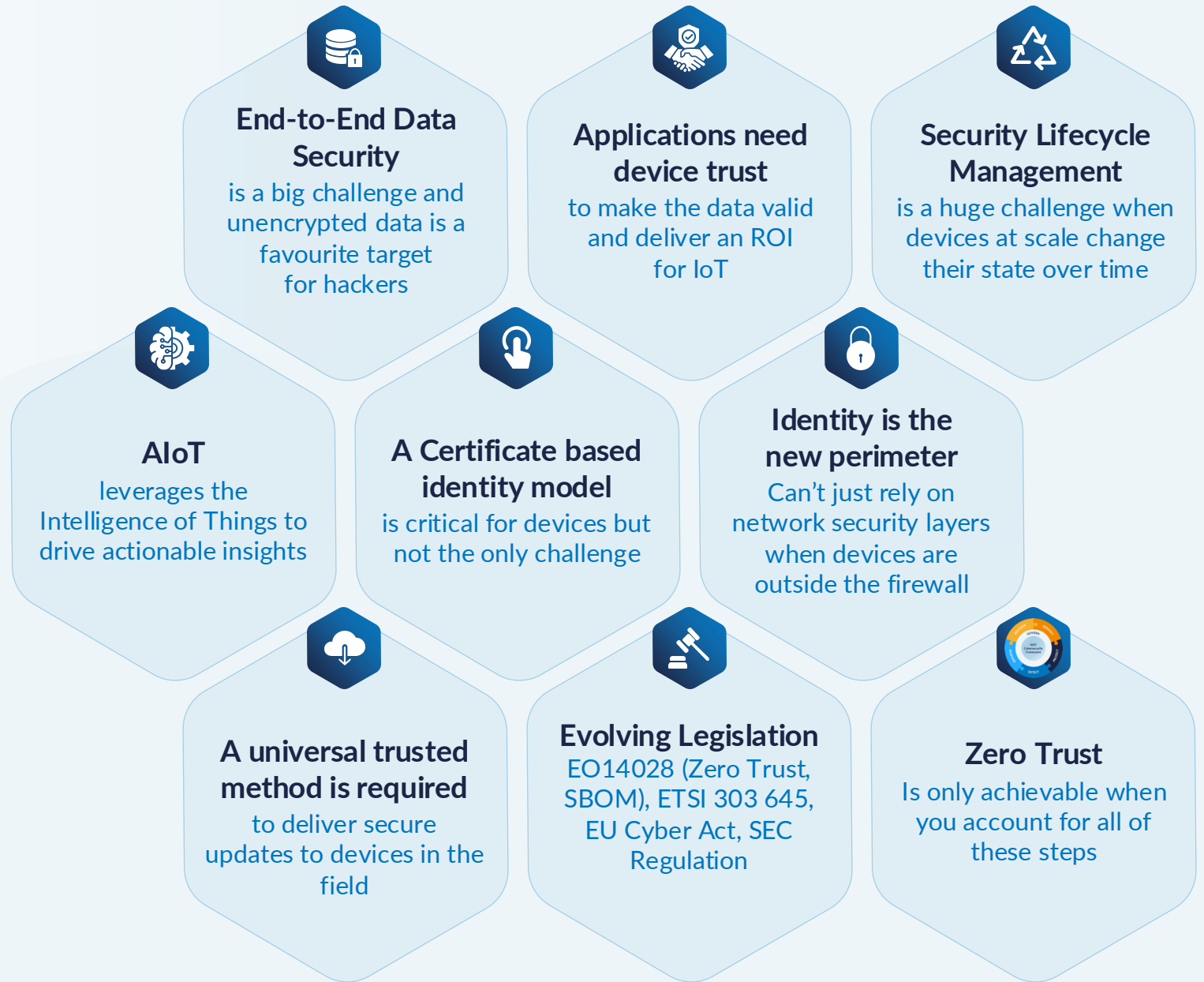


Global regulations and standards are raising the game

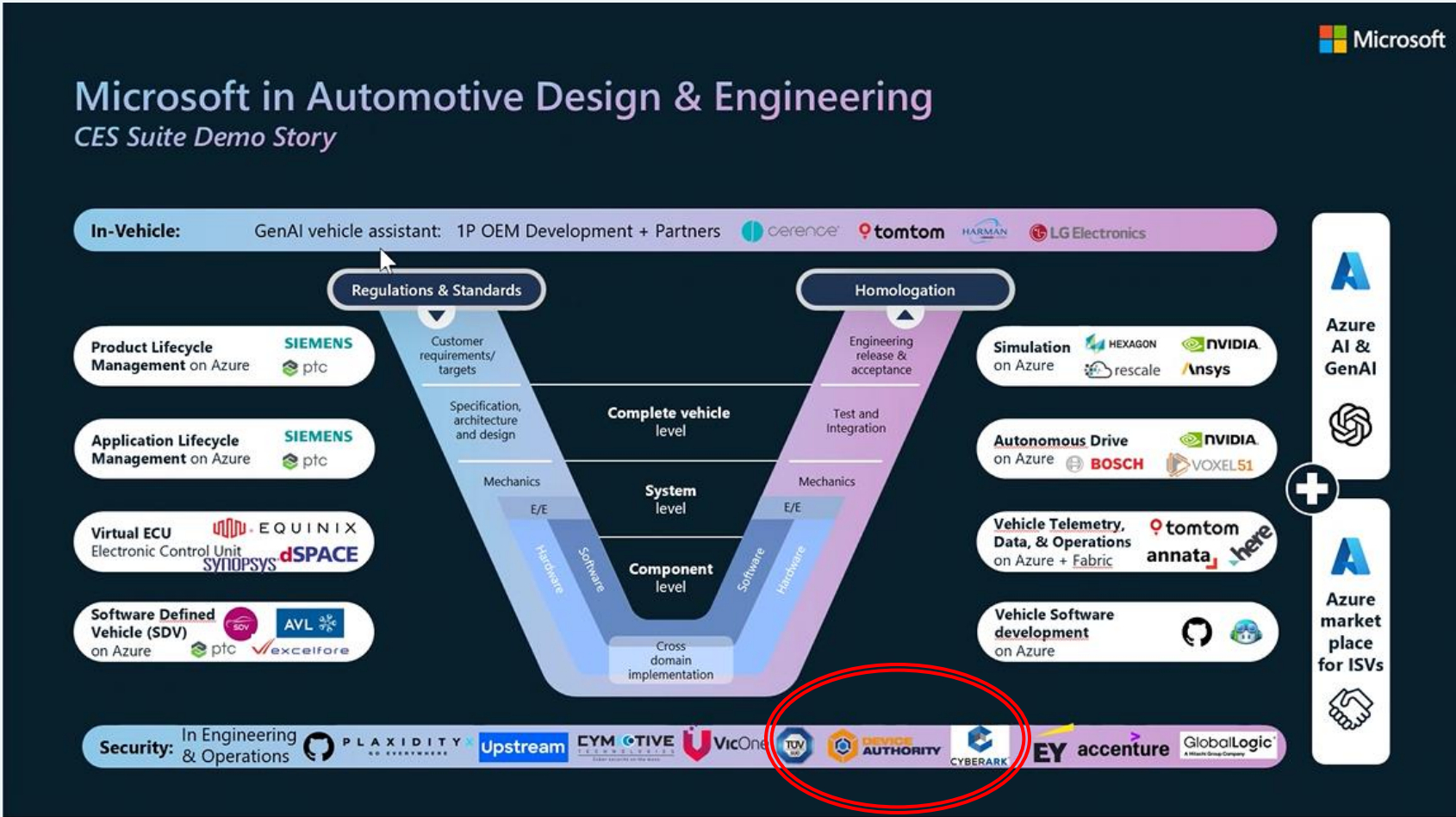
The Challenges of Securing IoT in the Supply Chain



Going beyond PKI to manage the full device lifecycle



Reference Architecture Microsoft is launching Jan 2025. DA in the Security piece.



2025:
Automotive
Manufacturing
with
CyberArk
and
Microsoft

Strategic Partnerships – Drive Forward



Strategic Importance -

- Pathway to Government business model through Federal and State funding vehicles
- Collaboration with foreign government agencies including UK, Australia, Germany, etc.
- Influence over critical infrastructure device manufacturers (e.g. sensors, gateways, eSim)



GTM -

- Embedded in VIPPC testbed initiative with DHS funding
- Crossroads Innovation Group is strategic consultant leading sales initia
- Government contracts available via strategic reseller partner Carahsoft
- Existing opportunities with US Air Force and VA DOT



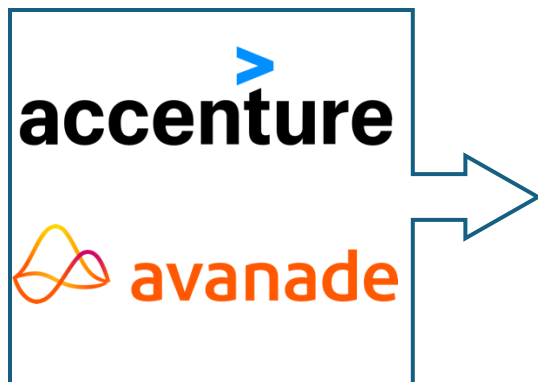
Marketing Assets

- Public Sector demo via Testbed
- Joint value presentations

SI/Channel GTM Initiatives



- Outbound lead gen campaign underway
- Focus on existing CyberArk accounts and PAM for IoT



- Utilize Microsoft to gain access to North American contacts
- Build on success in EMEA to drive engagement



minsoit

An Indra company



- Trial the Discovery Tool
- Mid size MSP's and regional reach – focus in North America
- Richey May, Legato, explore others



Private Tenants
52
In both product & non-product environments

Device Authentications
16,898,175

Certificates Issued
19,402



Connected Countries
58

Unique Devices
14,500

Certificates Revoked
11,693

New - Value of the Discovery Tool

Empowering Strategic Insights for IoT Environments



Rapid Insights: Uncover hidden risks and fortify IoT network security



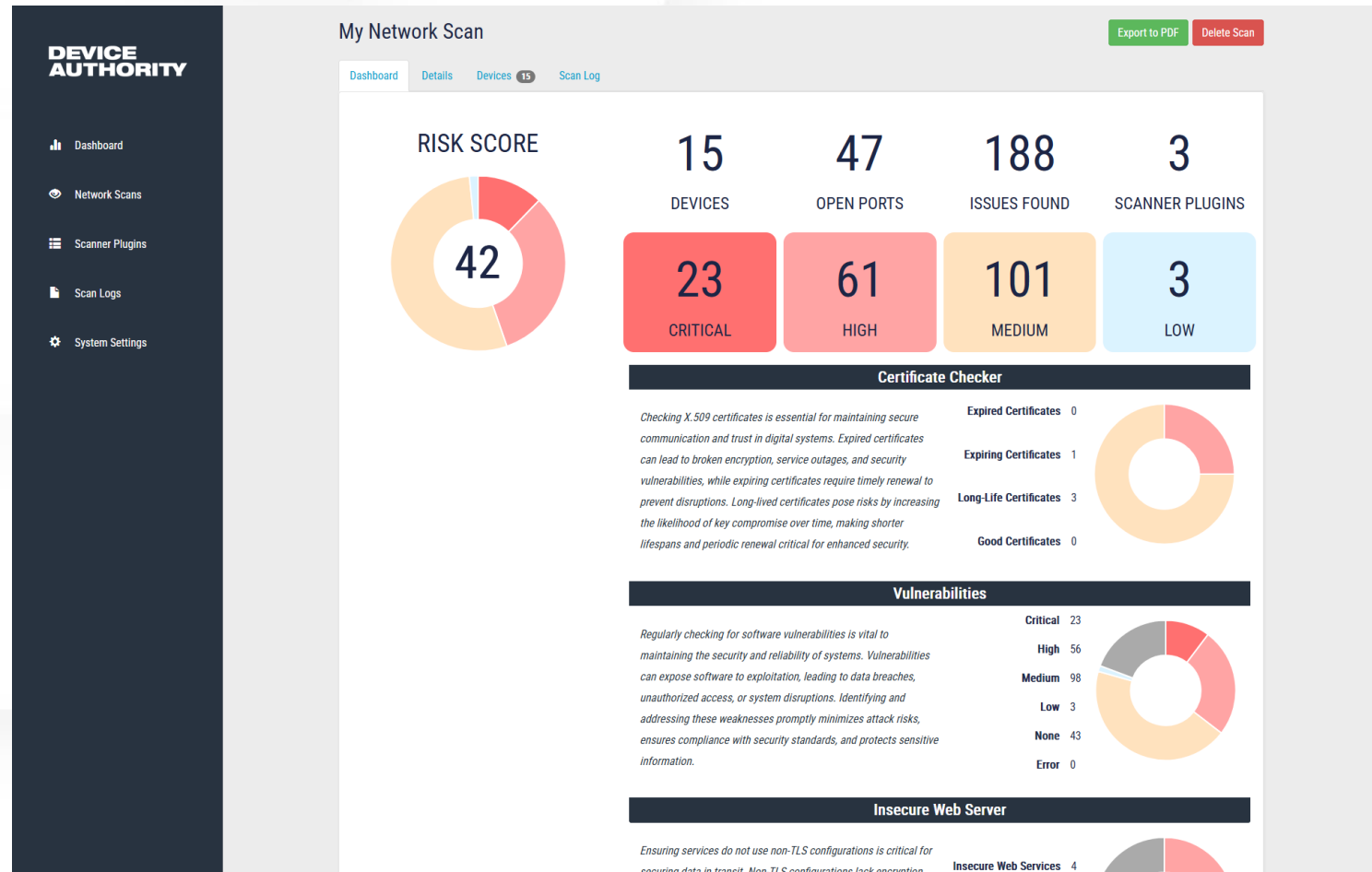
Enhanced Decision-Making: Provides critical tailored reporting to inform high-stakes IoT strategies and compliance



Zero-Trust Alignment: Built with a zero-trust framework to ensure robust security and integrity



Extensible Architecture: Rapidly extend and enhance discovery capabilities using the scanner plugin framework



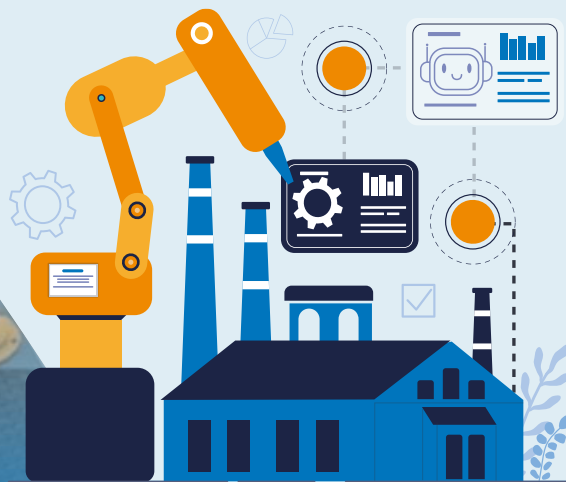


Let's see some examples...

Industrial IoT: Secure Key Generation, Storage, and Distribution



Situation



A global manufacturer of automotive components has multiple secure manufacturing lines that require a Key Distribution and Management System to securely transport keys from the OEM delivery service to the remote factories.

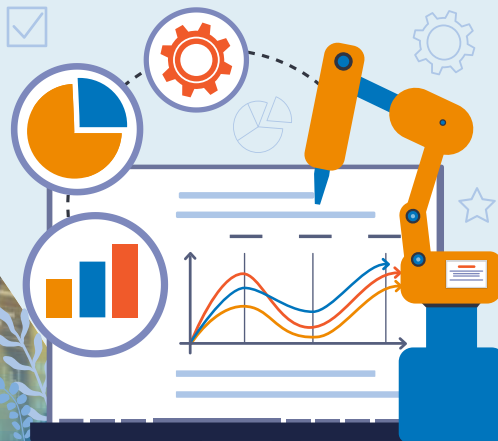
Keys are injected directly into the OEM's vehicle electronic components, which are then distributed to end customers for inclusion in their finished automotive products.

Those finished products need to close the loop with the initial key provider for auditing.

Automotive: PKI Management for Construction Equipment



Situation



- ✓ The next generation of diesel engines feature a new array of options aimed to increase efficiency, lower the cost of operation, and reduce overall lifecycle expense.
- ✓ This new technology relies on the exchange of critical performance data between the engine and cloud-based systems to adjust engine parameters in real-time.
- ✓ These diesel engines require the use of X.509 certificates from an existing provider for identity, authentication, and encryption to the cloud.

**DEVICE
AUTHORITY**

Thank you!



Darron Antill

info@deviceauthority.com

