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Is cyber security getting under your company skin ?

How to fight online frauds with smoothest UX

Michal Antoniak

Cyber Security Consulting Manager

Events

Joint Fraud Conference

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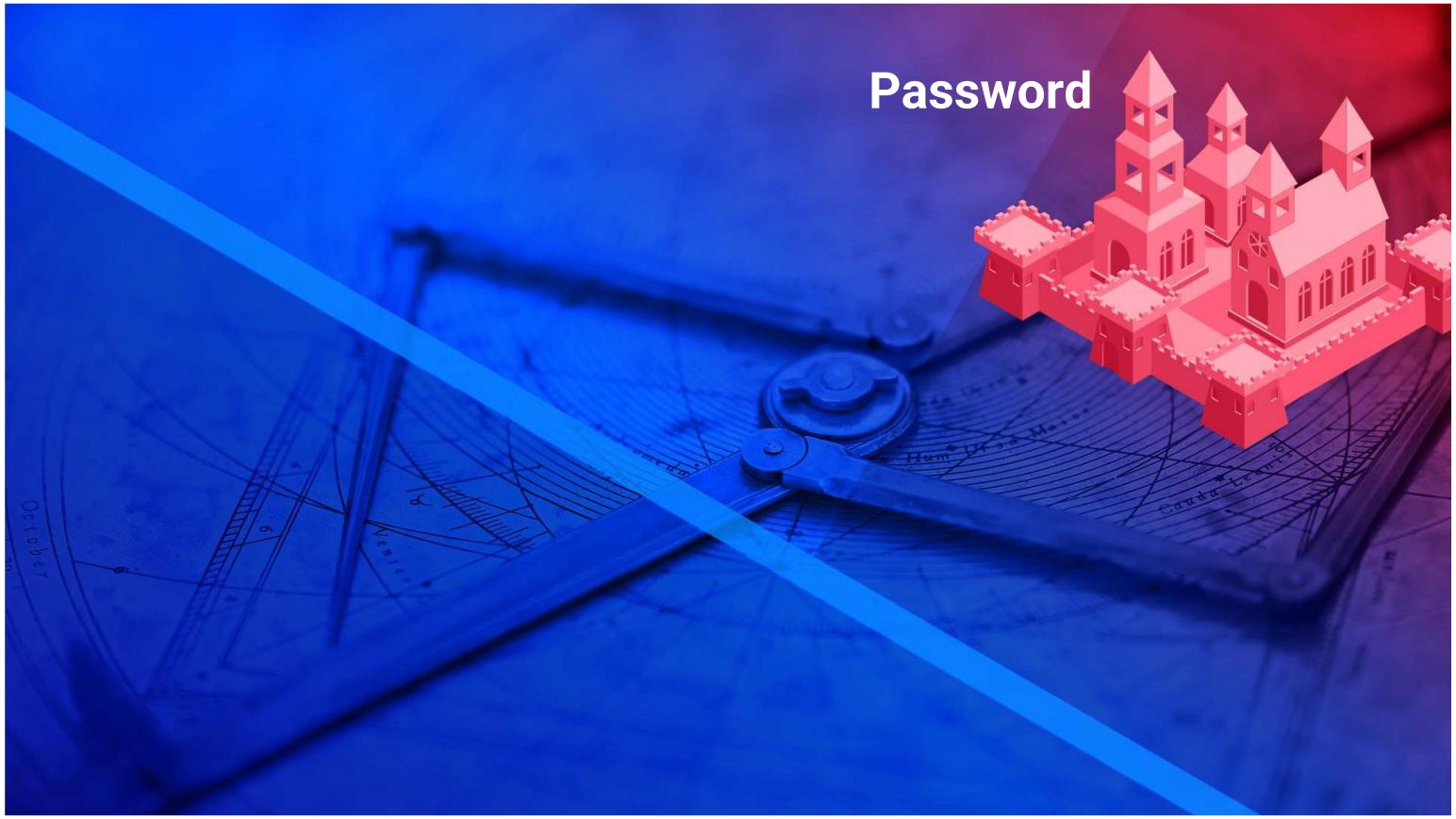
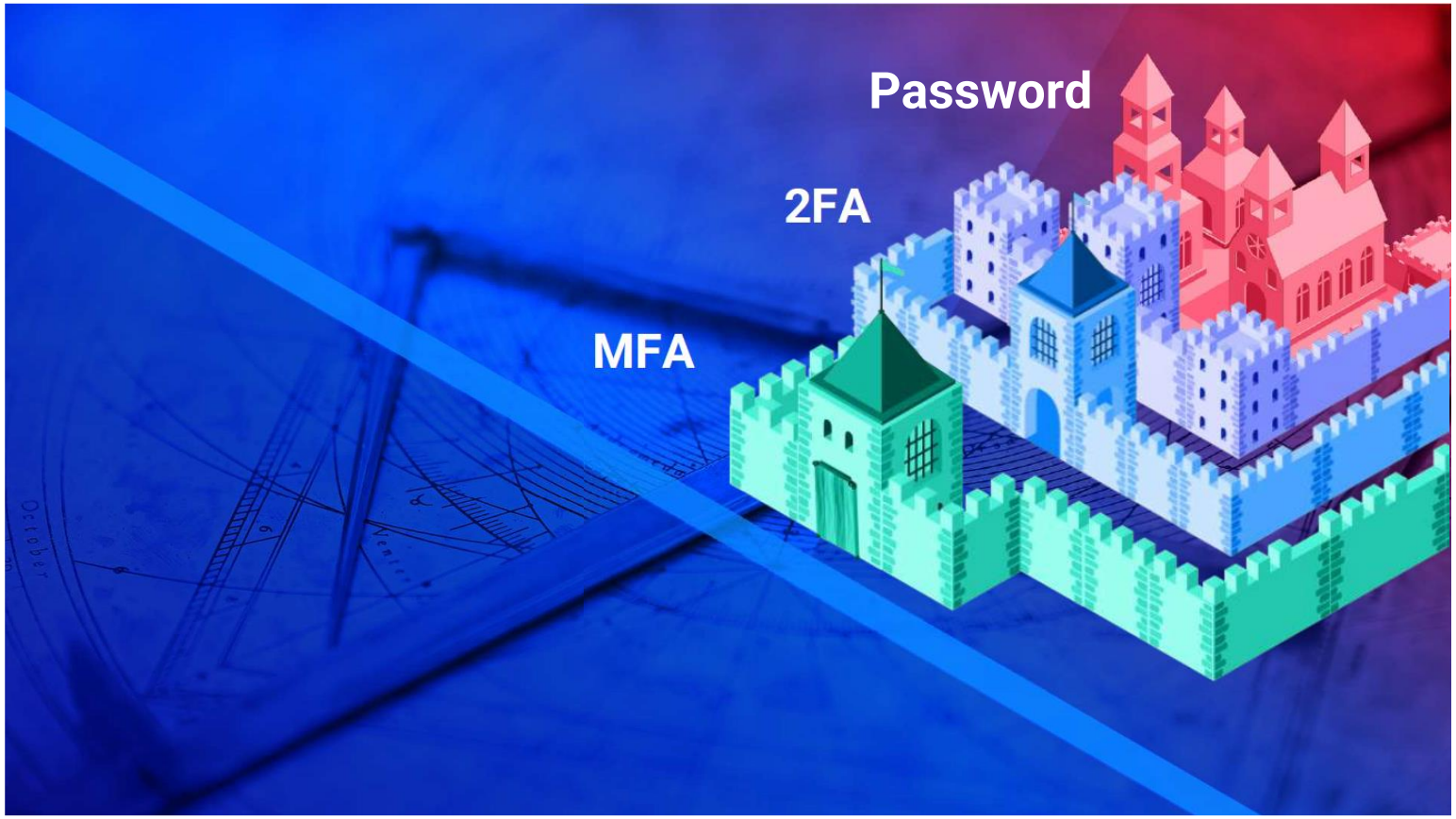
The Chinese Wall syndrom



The Chinese Wall syndrom



Why the old concept backfires ?

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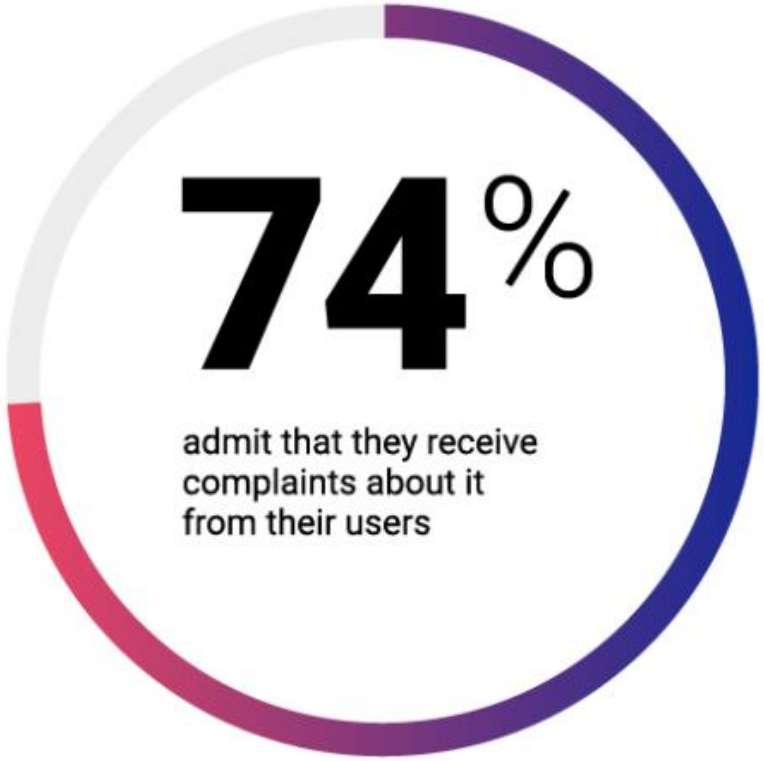
More Security ≠ Less Friction



https://betanews.com/2017/01/11/2fa-complaints-rise/

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When the friction is just too much

Too complex password policies

Too many Authentication factors

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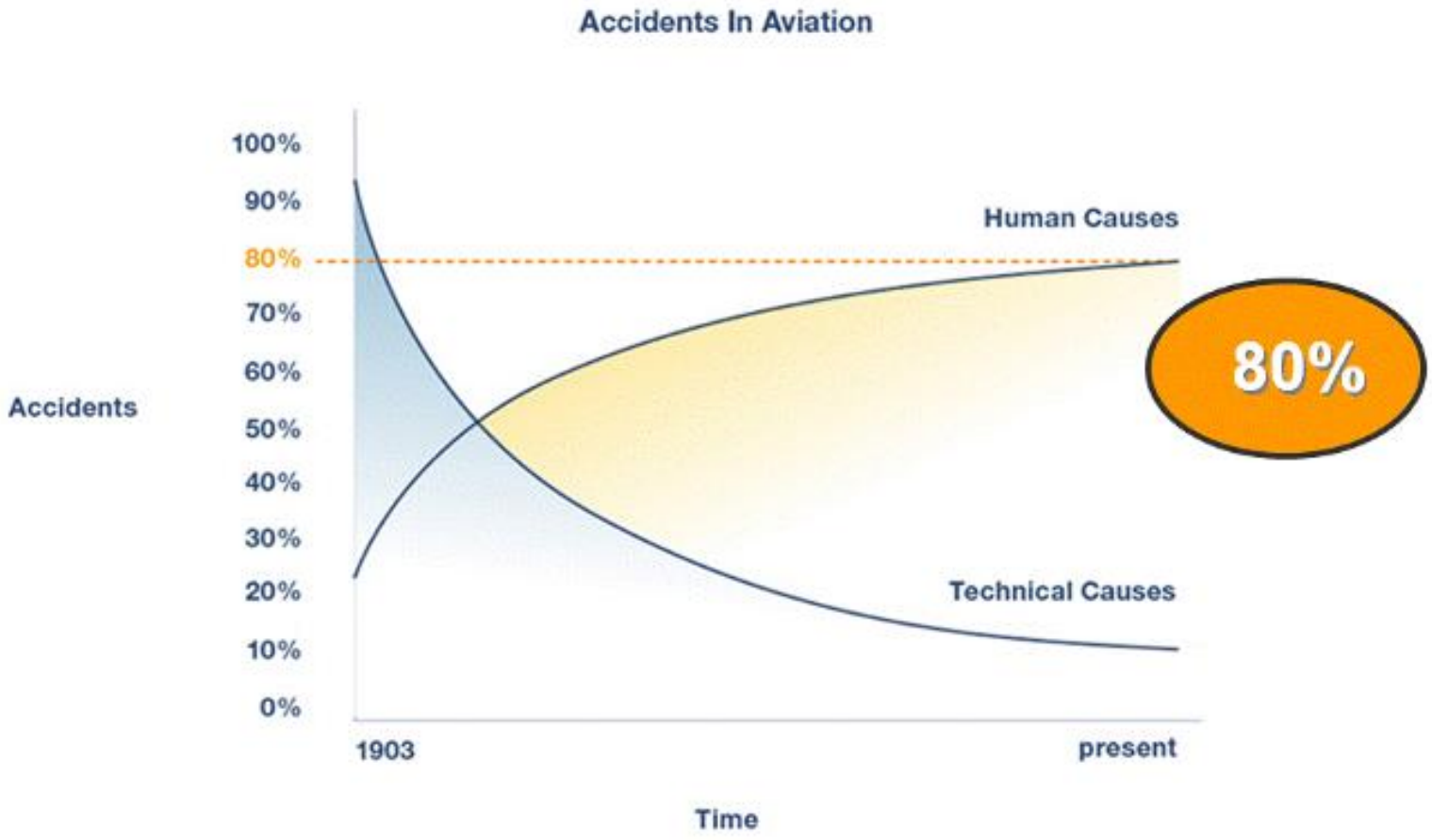
The Human Factor



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The Human Factor

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The Human Factor

In 2018 and 2019, the combined threats of phishing and credential stuffing made up roughly half of all publicly disclosed breaches in the United States.

https://www.f5.com/content/dam/f5-labs-v2/article/pdfs/2021-Credential-Stuffing-Report-rev.pdf

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More Security & Less Friction ?

Adaptive Authentication

Passwordless MFA

AI/ML Analytics

Continuous adaptive trust (CAT)

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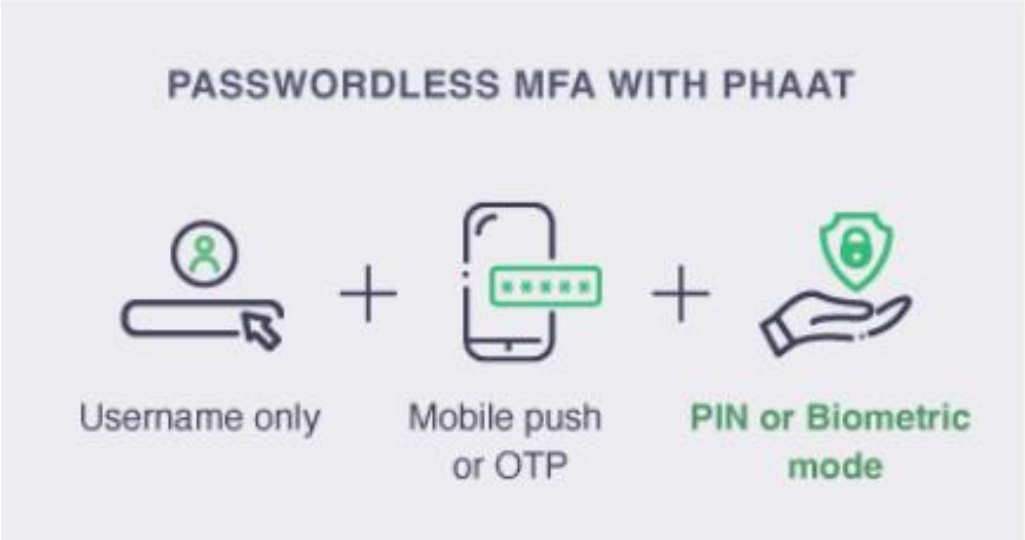
Passwordless MFA – better UX

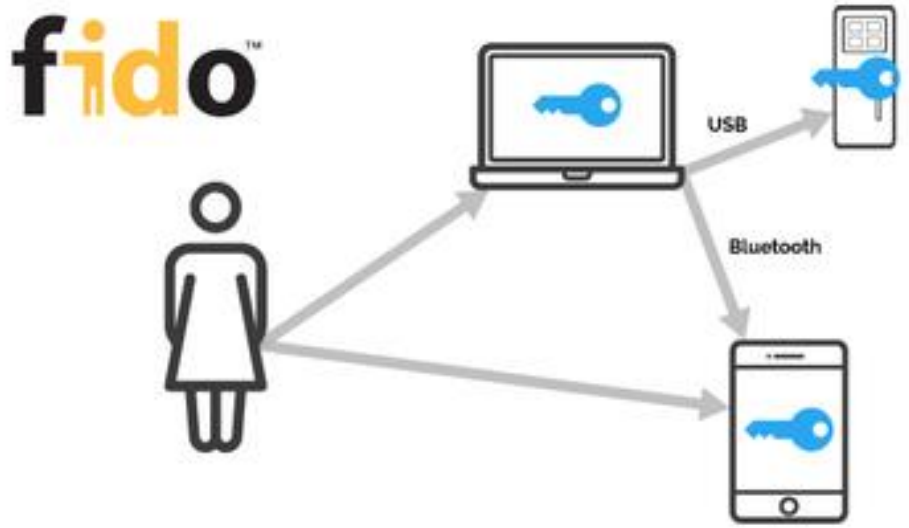
NOW

- **Phone-as-a-token and mobile MFA**



Comming SOON

- **FIDO2**



Adaptive Authentication – more Security

CREDENTIAL STUFFING (ATO)	• Device recognition – identifying changes in device unique fingerprint • Geolocation feature – comparing users geolocation from GPS with the one from IP address • Behavioral biometrics – distinguishing between man and machine and verifying typical user activities
MALWARE INFECTION	• Malware detection (even if it was installed during users session) • Untrusted sources application detection • Root or jailbreak mode detection • Webpage integrity check
IDENTITY CLONNING	• Detecting cloned email addresses

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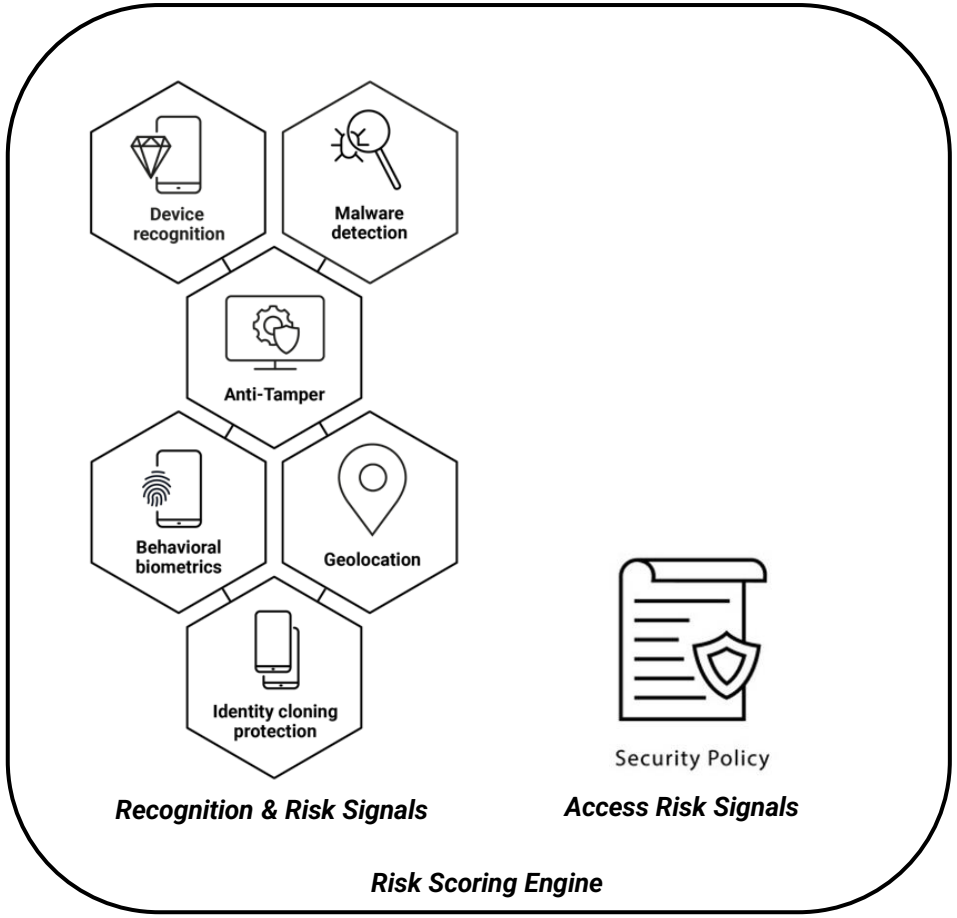
Adaptive Authentication - more Security & better UX



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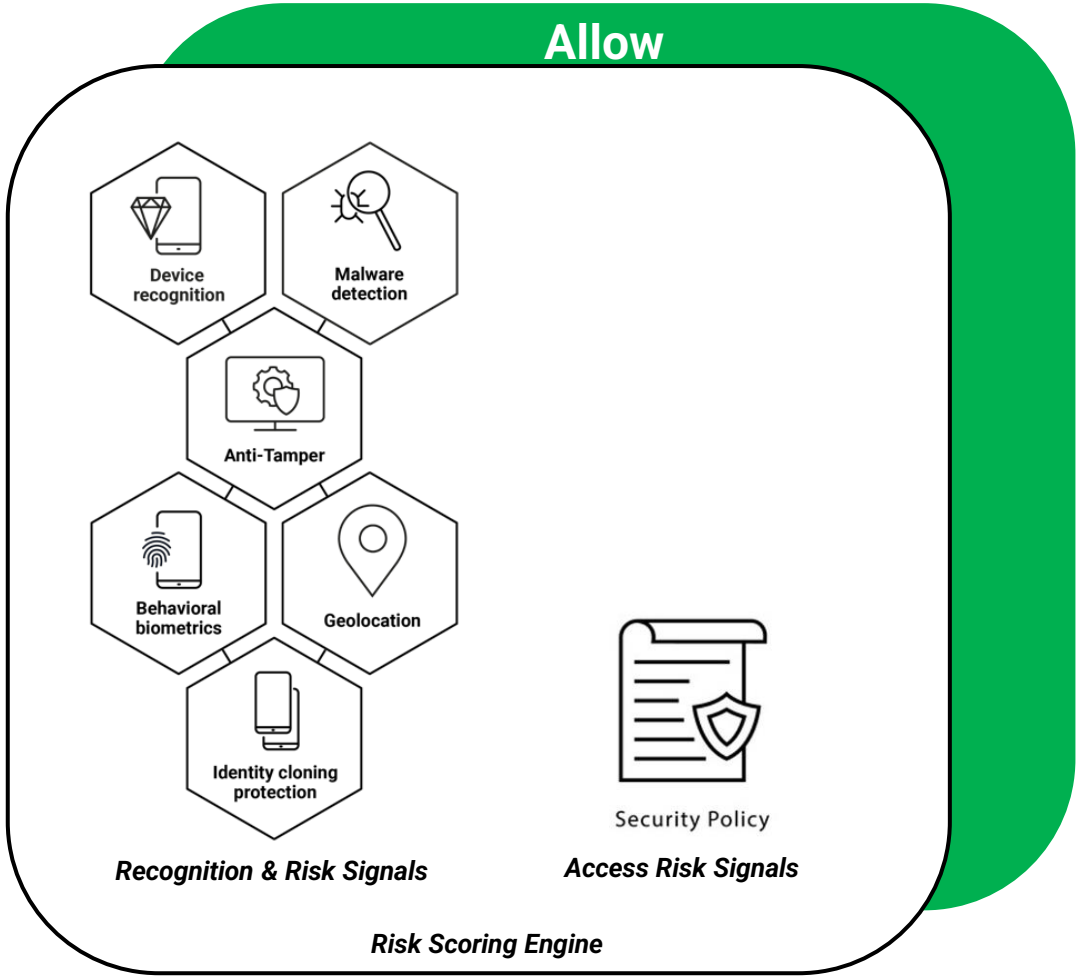

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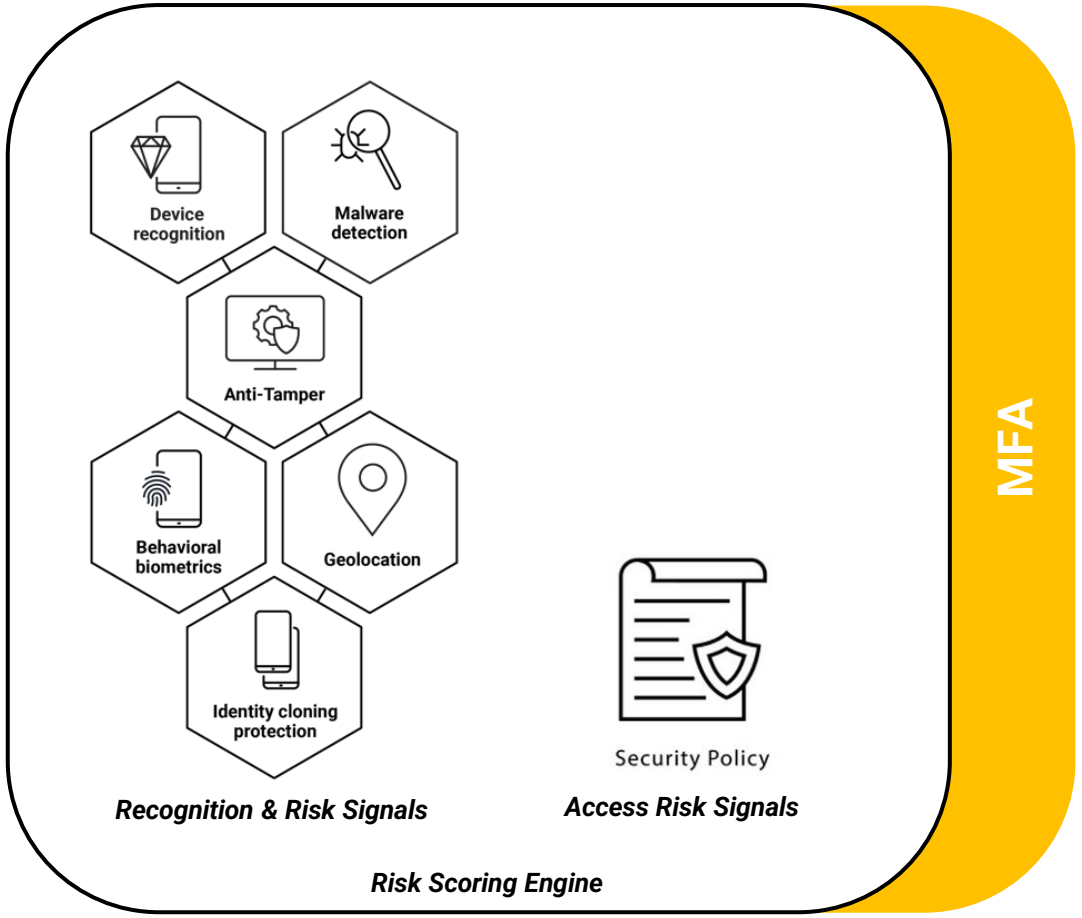
Adaptive Authentication - more Security & better UX



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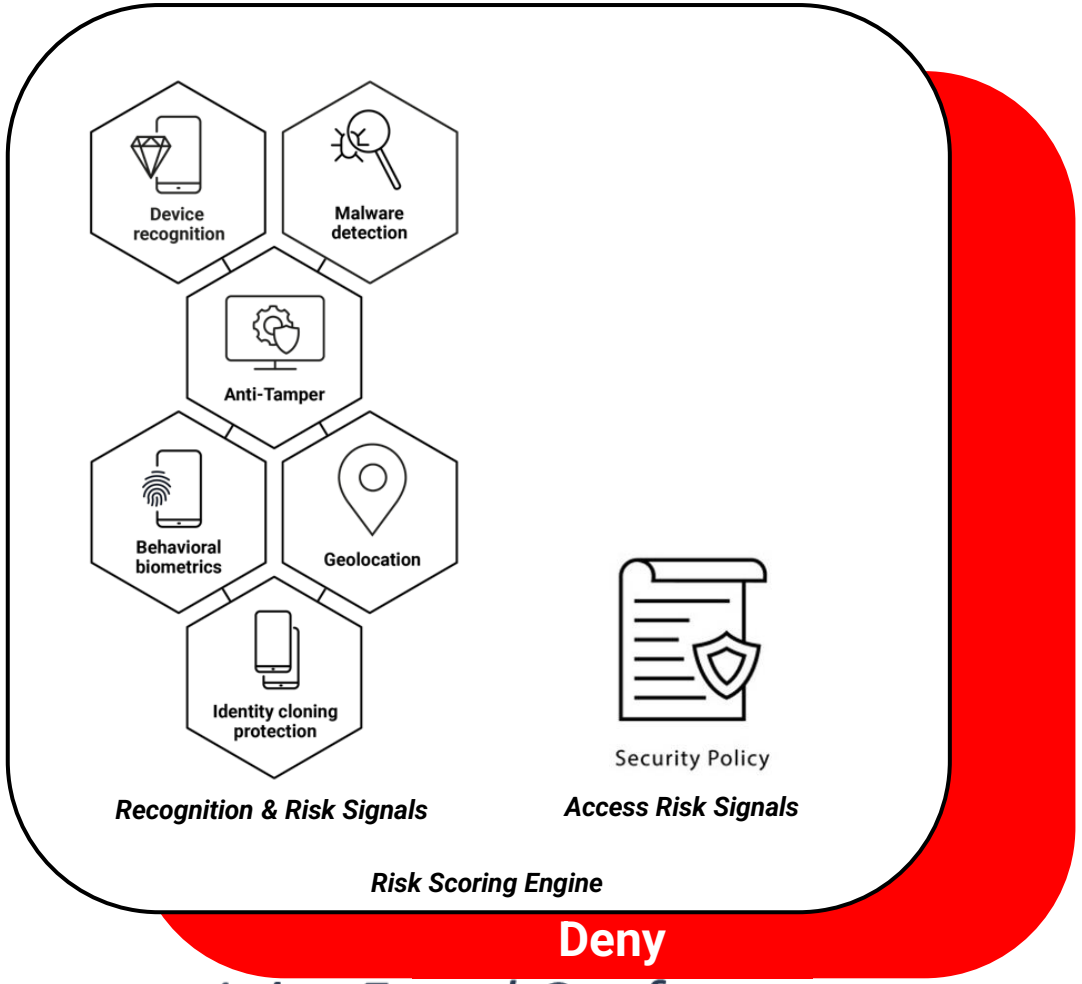

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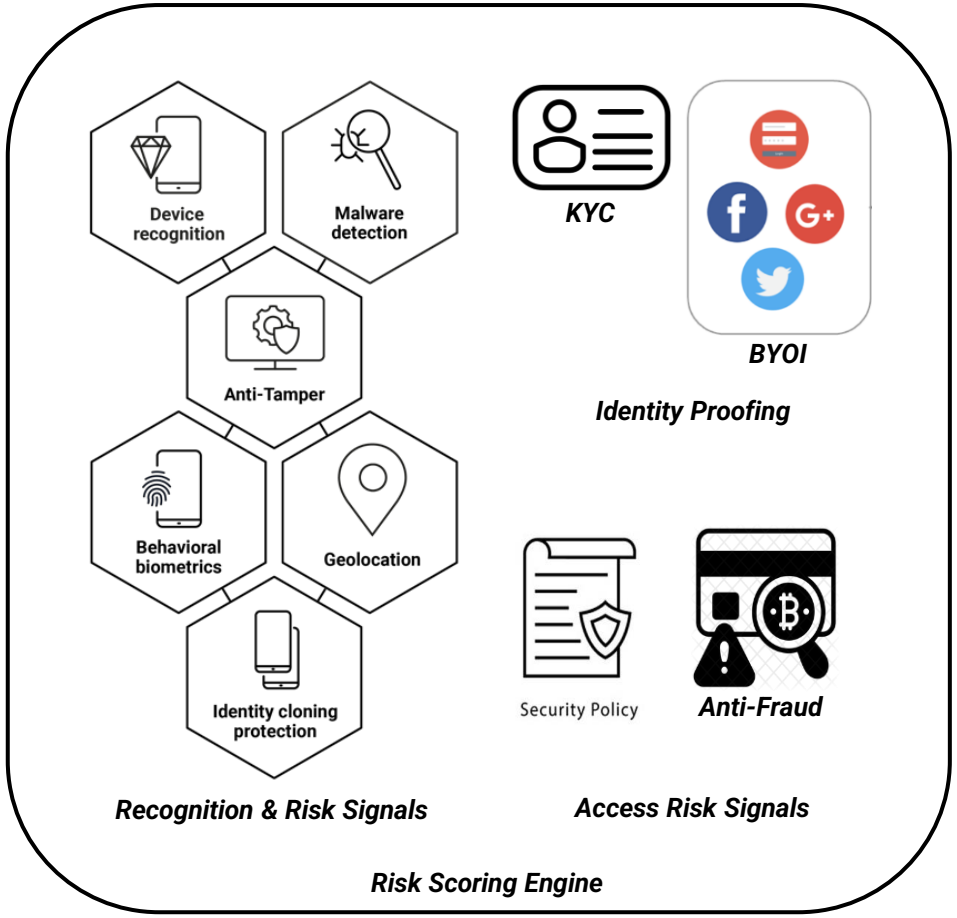

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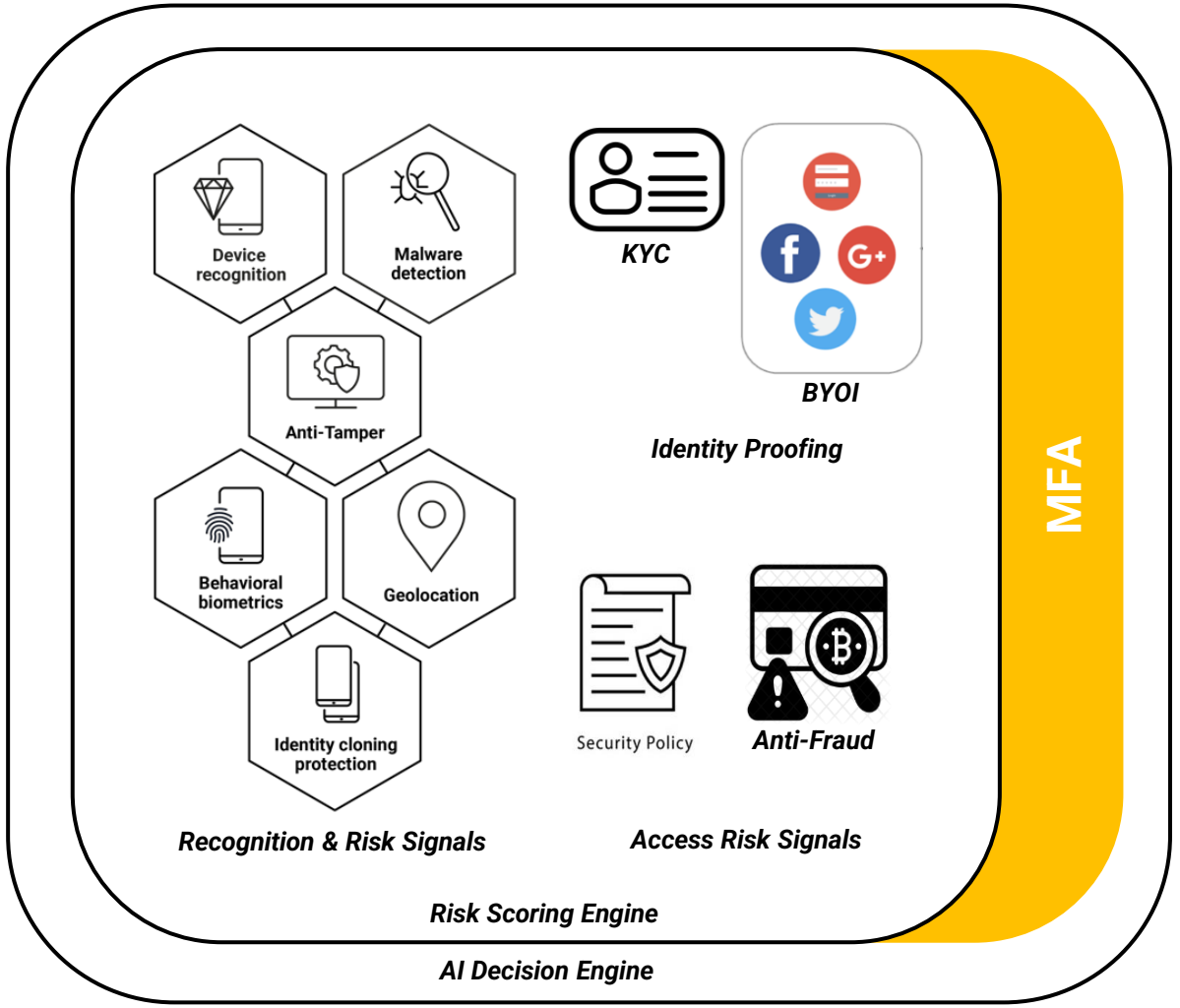
Continuous Adaptive Trust concept



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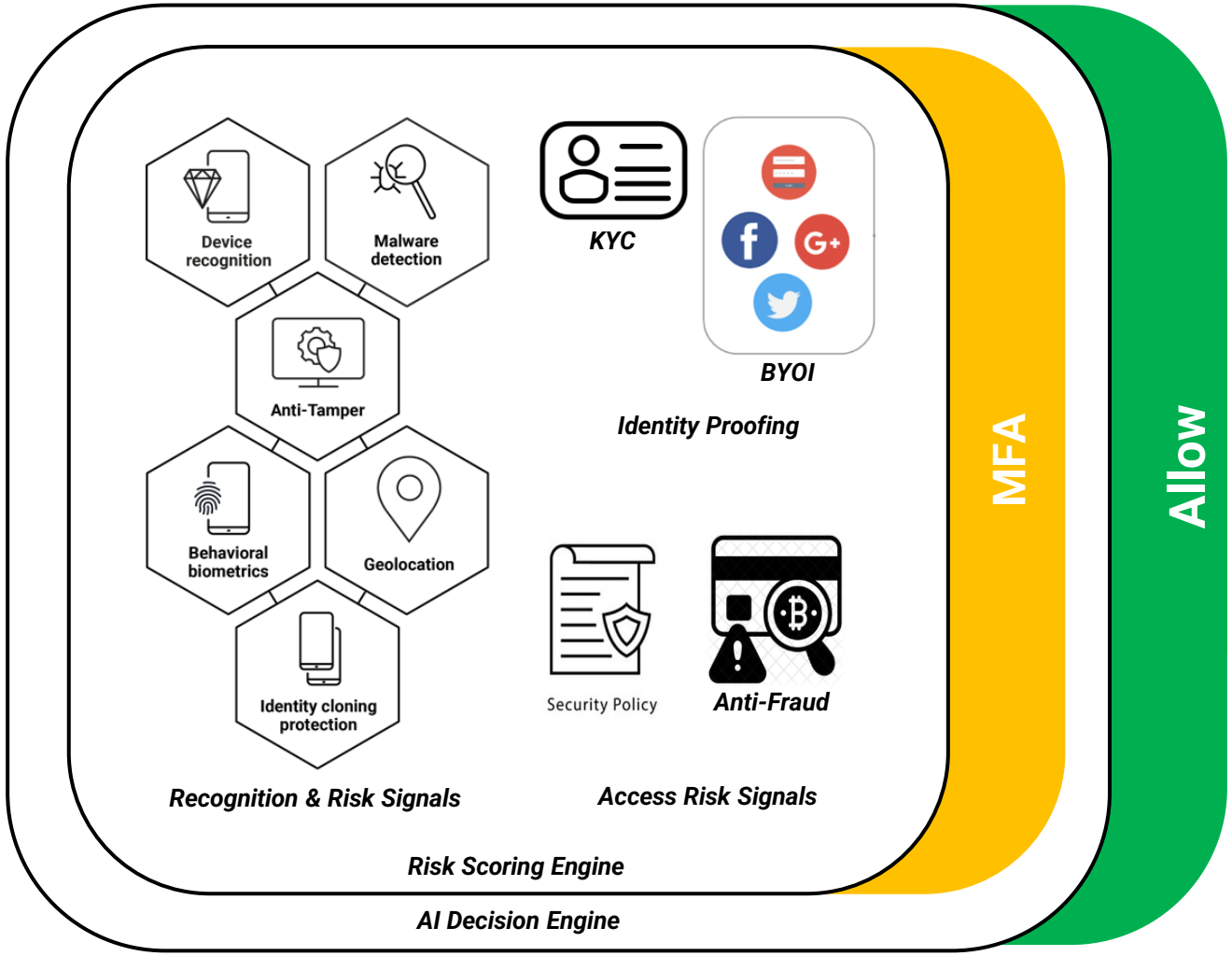

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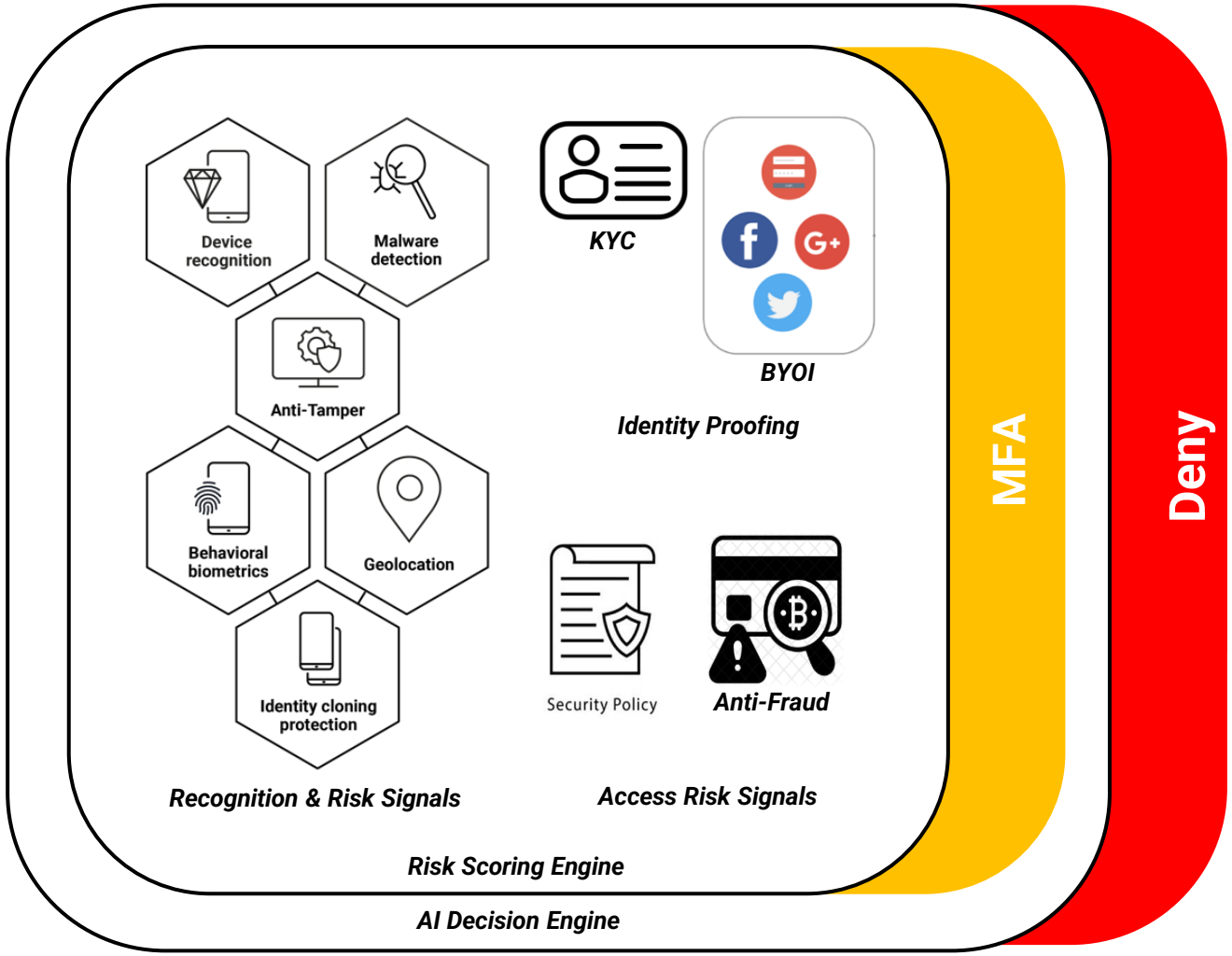

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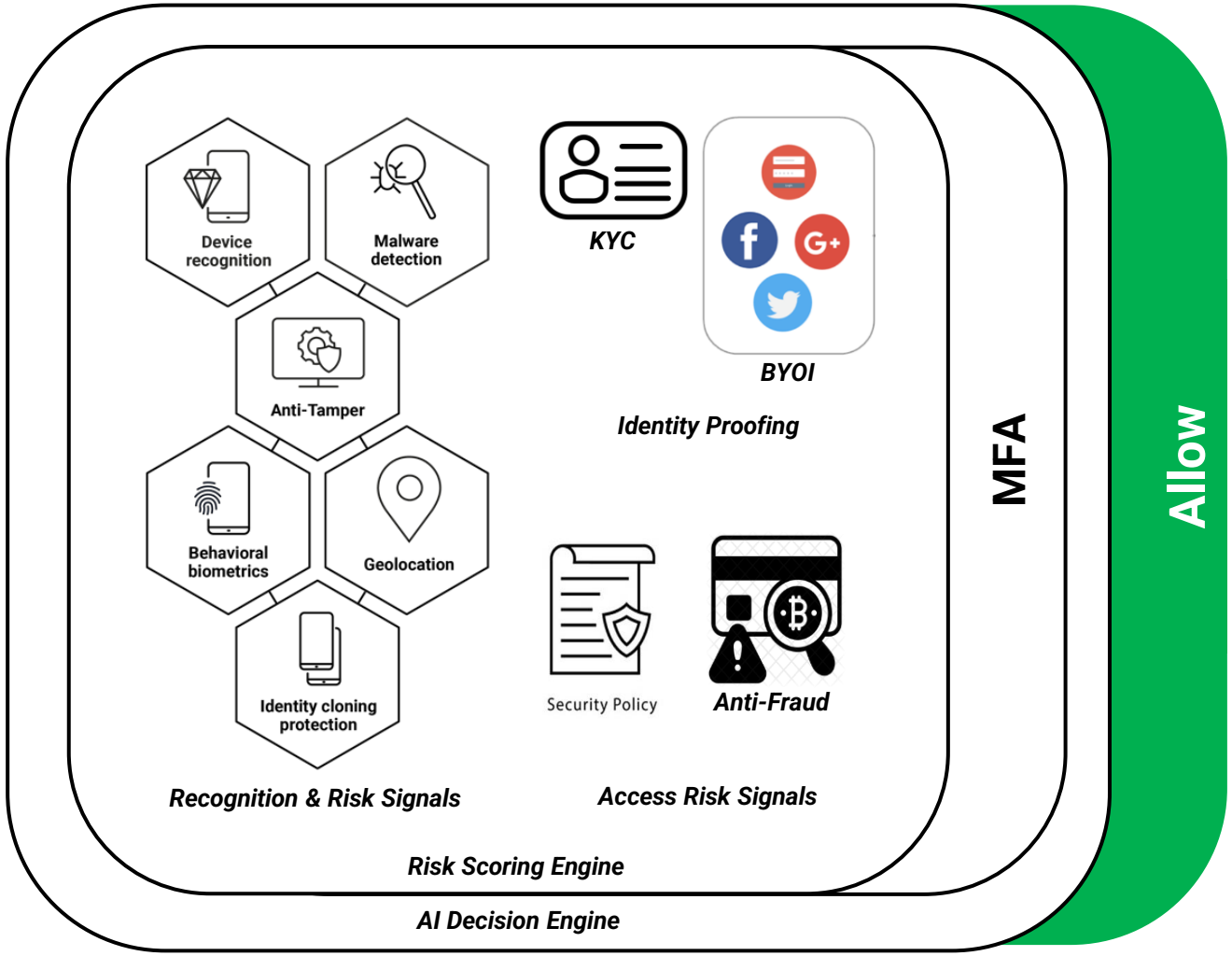

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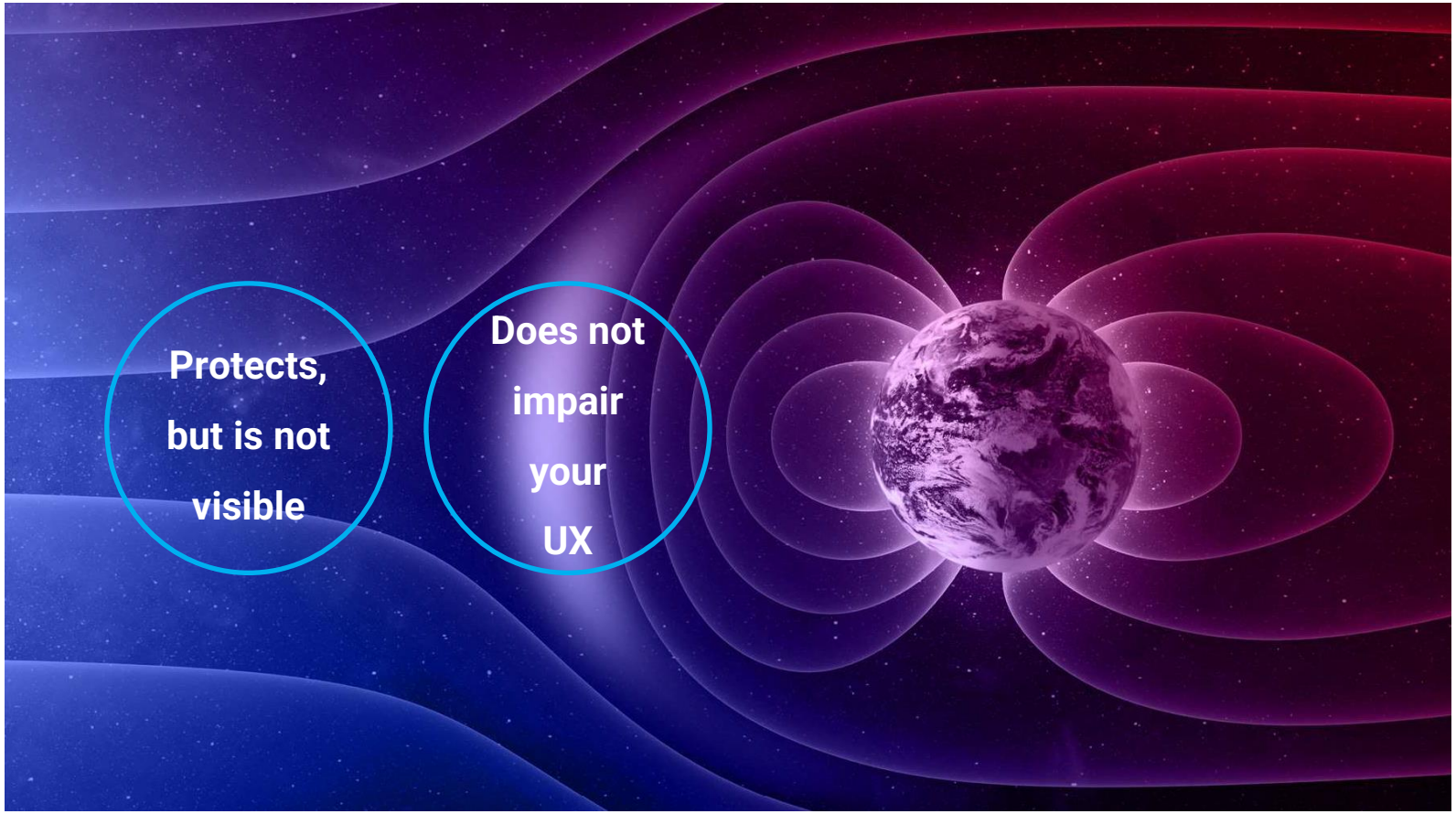
CONCEPT change



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Thank You

https://www.comarch.com/cyber-security/

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