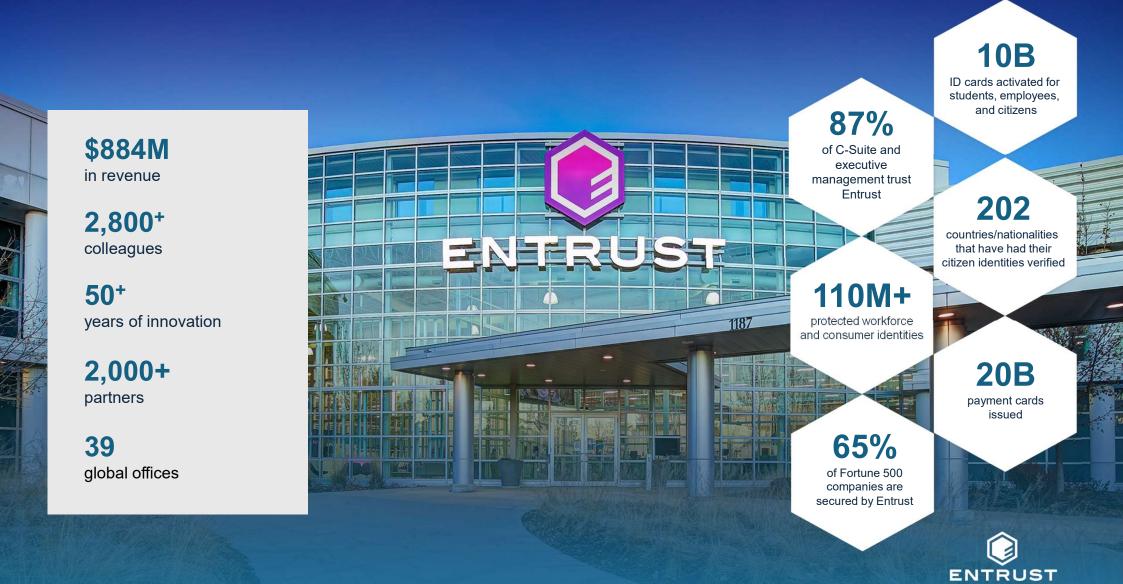
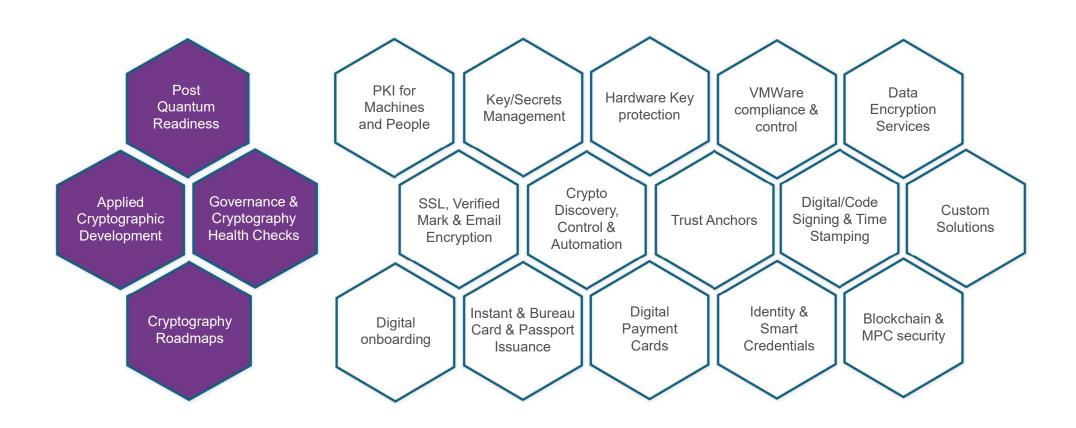
ENTRUST Authentication/Identity





People, Process, Technology



CISA – ZERO TRUST MATURITY MODEL (V2.0)

Cybersecurity and infrastructure security agency (CISA)

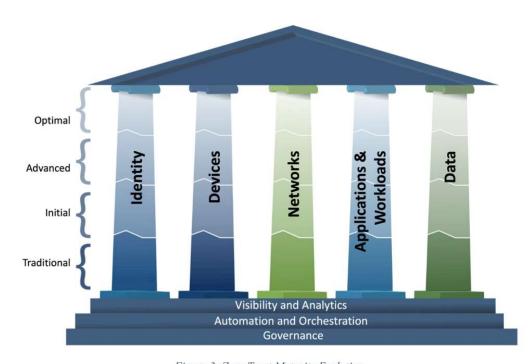


Figure 3: Zero Trust Maturity Evolution

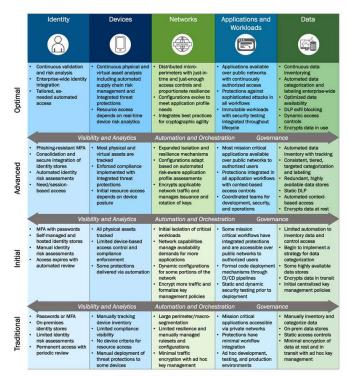
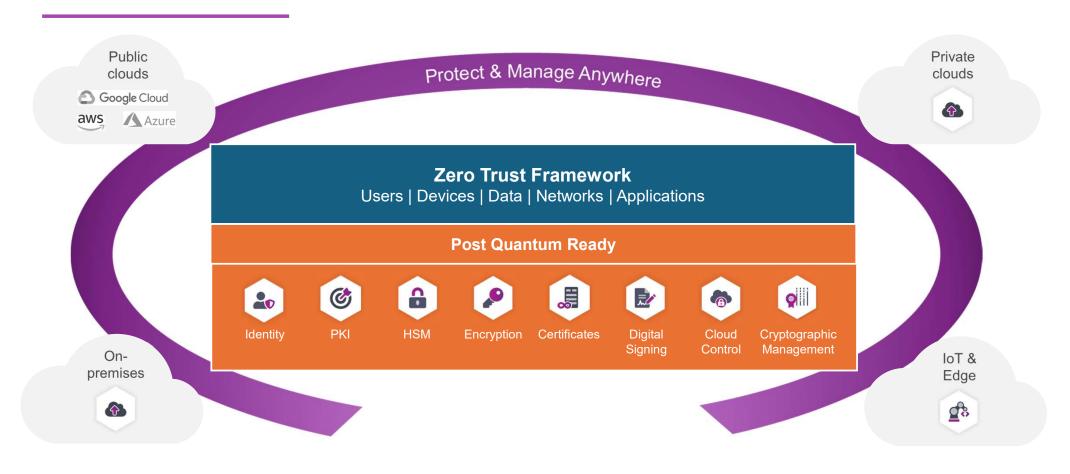


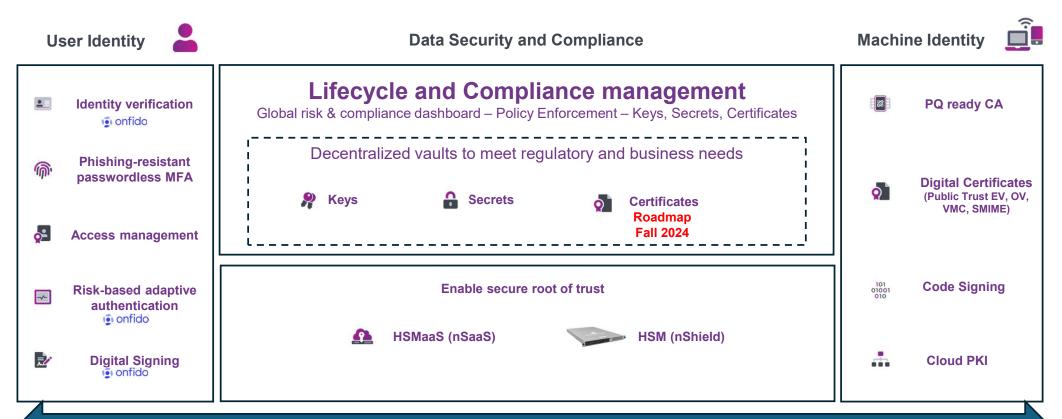
Figure 4: High-Level Zero Trust Maturity Model Overview

ENTRUST ZERO TRUST SOLUTION



Folie 5	
JM0	[@Rohan Ramesh] [@Samantha Mabey] [@Juan Asenjo] focus should be on ZT, but do we include a slide on PQ Ready and MC Sec? We'll cover PQ more in Q2. John Metzger; 2023-05-04T12:52:38.688
RR0 0	Robert was going to add a teaser at the end for PQ in Q2 Rohan Ramesh; 2023-05-04T14:07:23.002
JA0 1	[@John Metzger] Please note that the slide title still says Data and Networks. I suppose that changes to the new statement that Karen sent out? Juan Asenjo; 2023-05-04T16:56:56:438
JM0 2	Thanks for catching. It looks like someone (you?) fixed the headline. John Metzger; 2023-05-04T17:58:15.221
JA0 3	[@Rohan Ramesh] [@John Metzger] the 7th hex on the illustration should really be "VM Security" Juan Asenjo; 2023-05-06T04:29:55.323

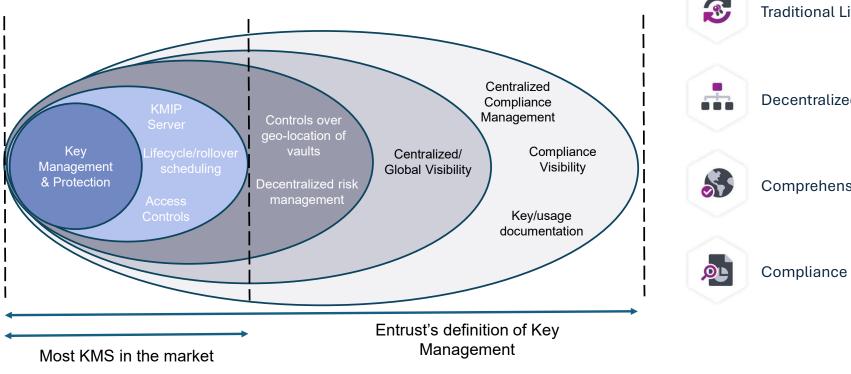
Identity centric security

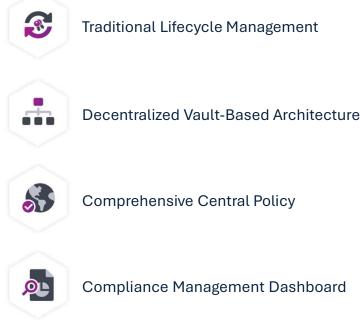


Zero Trust | Compliance | Post Quantum | Al driven fraud detection

Entrust's Vision on Key Management

Redefining Key and Secrets Lifecycle Management







Hardware security modules provide a foundation of trust



A hardware security module (HSM) is a certified, trusted platform for generating cryptographic keys and protecting them during use and at rest



Highest level of protection for encryption or signing keys



Implement and enforce customer-defined policy



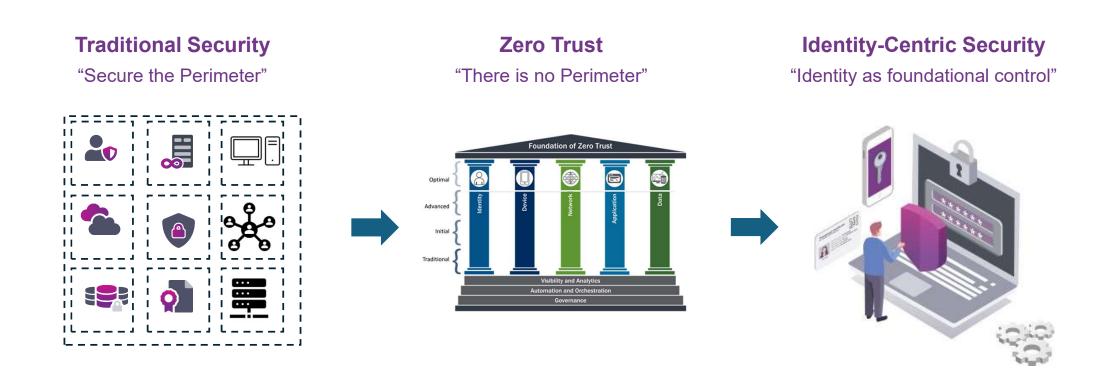
"Harden" applications that use cryptography



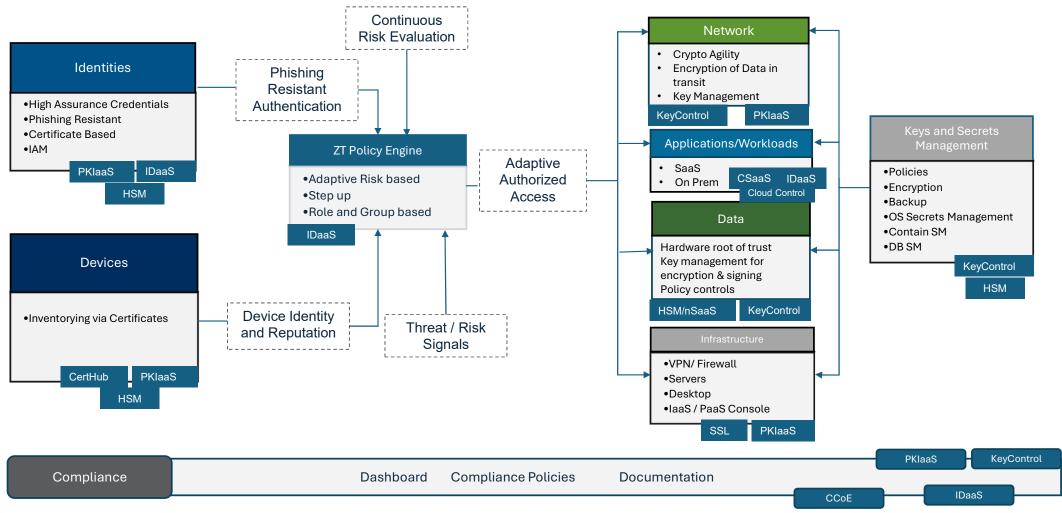
Source of high quality random numbers for keys



A Practical and Operational Approach To Implementing Zero Trust Model: Identity-Centric Security



ENTRUST ZERO TRUST FOUNDATIONS REF. ARCHITECTURE Based on CISA



HOW?

High assurance phishing resistant Identity



FIDO2 and Passkeys

Risk-based adaptive stepup authentication



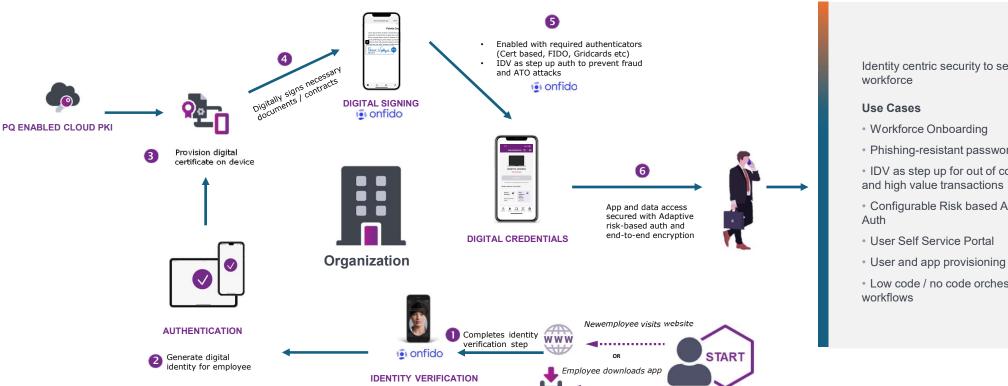
- Flexible risk engine to analyze contextual information
- Adaptive to dynamically issue 2FA request or deny access

Al – driven Facial Biometric Identity verification



- AI / ML based facial biometrics to prevent phishing, credential compromise and other remote based attacks
- Prevent fraud and secure high value transactions and privileged access

Entrust Identity for Organisations

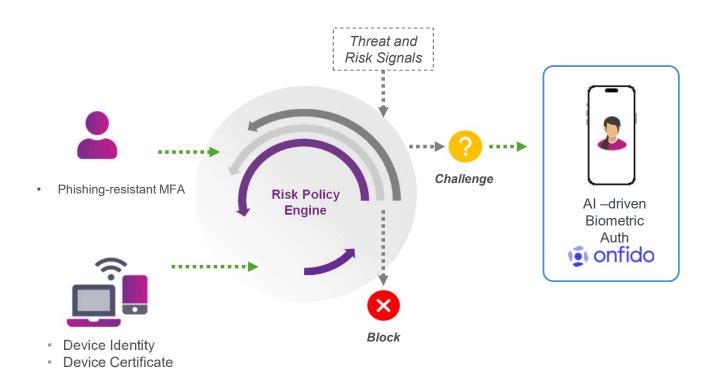


Identity centric security to secure your

- Phishing-resistant passwordless MFA
- IDV as step up for out of compliance and high value transactions
- Configurable Risk based Adaptive

- Low code / no code orchestration

Fighting fraud throughout the identity journey



Why Entrust

- Shut down phishing and credential compromise to prevent breaches and mitigate damage with a layered defense across the entire identity lifecycle
- Configurable risk-based adaptive engine to dynamically verify authenticity of user
- Step up with Al-driven biometrics to secure against ATO attacks
- Certificate-based authentication for both users and devices

THANK YOU

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