Thales Trusted Cyber Technologies
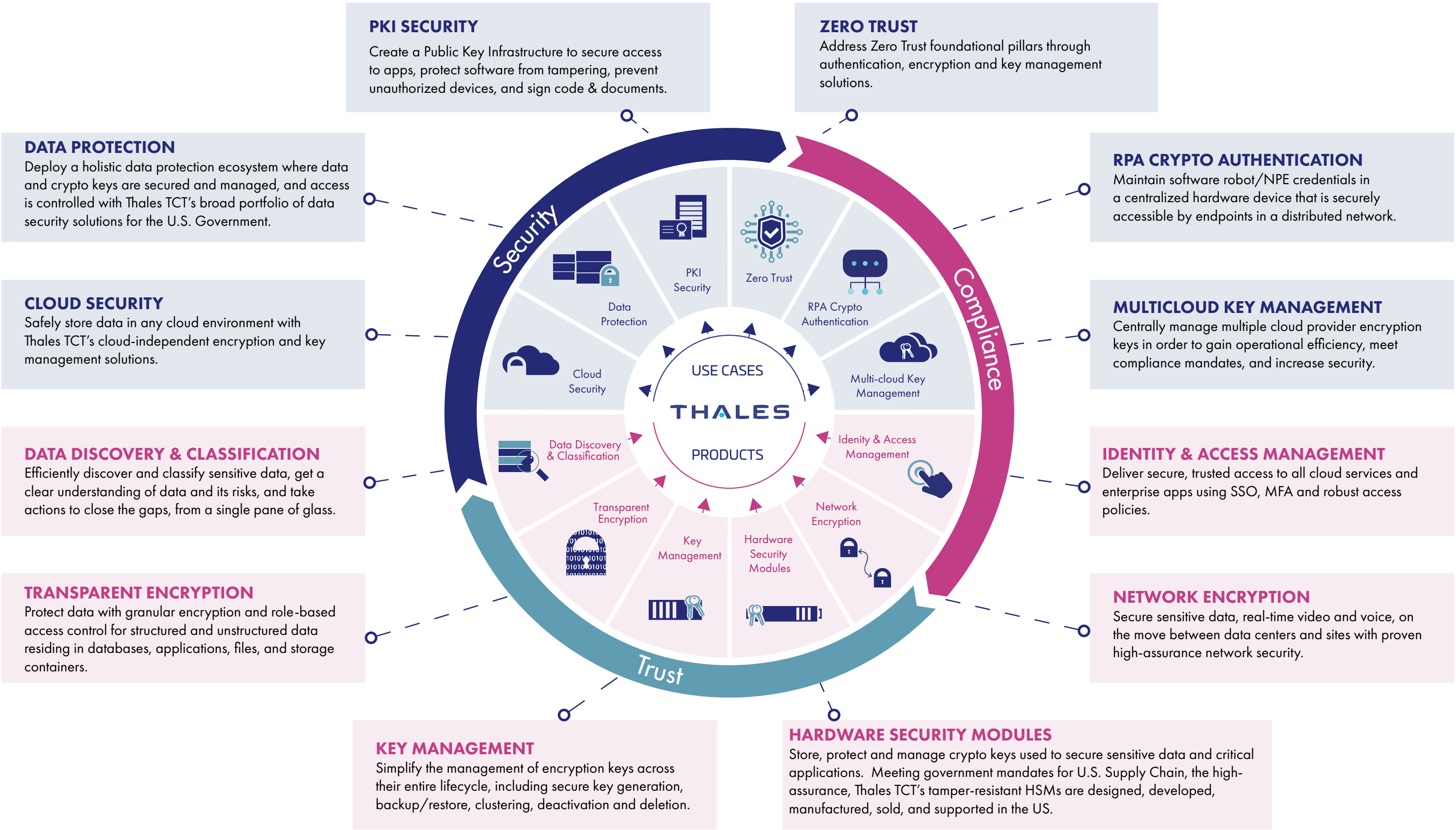
A Trusted, U.S. Provider of Cybersecurity Solutions Dedicated to U.S. Federal Government

THALES

PKI SECURITY
Create a Public Key Infrastructure to secure access to apps, protect software from tampering, prevent unauthorized devices, and sign code & documents.

ZERO TRUST
Address Zero Trust foundational pillars through authentication, encryption and key management solutions.

DATA PROTECTION
Deploy a holistic data protection ecosystem where data and crypto keys are secured and managed, and access is controlled with Thales TCT's broad portfolio of data security solutions for the U.S. Government.

RPA CRYPTO AUTHENTICATION
Maintain software robot/NPE credentials in a centralized hardware device that is securely accessible by endpoints in a distributed network.

CLOUD SECURITY
Safely store data in any cloud environment with Thales TCT's cloud-independent encryption and key management solutions.

MULTICLOUD KEY MANAGEMENT
Centrally manage multiple cloud provider encryption keys in order to gain operational efficiency, meet compliance mandates, and increase security.

DATA DISCOVERY & CLASSIFICATION
Efficiently discover and classify sensitive data, get a clear understanding of data and its risks, and take actions to close the gaps, from a single pane of glass.

IDENTITY & ACCESS MANAGEMENT
Deliver secure, trusted access to all cloud services and enterprise apps using SSO, MFA and robust access policies.

TRANSPARENT ENCRYPTION
Protect data with granular encryption and role-based access control for structured and unstructured data residing in databases, applications, files, and storage containers.

NETWORK ENCRYPTION
Secure sensitive data, real-time video and voice, on the move between data centers and sites with proven high-assurance network security.

KEY MANAGEMENT
Simplify the management of encryption keys across their entire lifecycle, including secure key generation, backup/restore, clustering, deactivation and deletion.

HARDWARE SECURITY MODULES
Store, protect and manage crypto keys used to secure sensitive data and critical applications. Meeting government mandates for U.S. Supply Chain, the high-assurance, Thales TCT's tamper-resistant HSMs are designed, developed, manufactured, sold, and supported in the US.

Circular diagram labeled Security, Compliance, Trust with USE CASES / THALES / PRODUCTS at center. Segments: PKI Security, Zero Trust, RPA Crypto Authentication, Multi-cloud Key Management, Identity & Access Management, Network Encryption, Hardware Security Modules, Key Management, Transparent Encryption, Data Discovery & Classification, Cloud Security, Data Protection.

Protecting the government's most vital data from the core to the cloud to the edge

Cloud Security

Safely store data in any cloud environment with our cloud-independent data protection solutions that:

- Secure cloud access
- Secure cloud-stored data
- Serve as a root-of-trust for cryptographic keys
- Encrypt cloud-bound data in transit
- Secure file sharing

Encryption, Key Management & Tokenization

Protect and control data-at-rest, data-in-transit and cryptographic keys with our encryption and key management solutions.

- Protect structured and unstructured data with granular encryption and role-based access control
- Centrally, efficiently, and securely manage and store encryption keys and policies—across the key management lifecycle
- Encrypt network traffic between data centers and the headquarters to backup and disaster recovery sites, whether on premises or in the cloud

Identity & Access Management

Control access to sensitive data and protect user identities with our authentication solutions.

- Certificate-based smart cards and USB tokens
- OTP tokens, smartphone and software tokens, tokenless authentication solutions
- Cloud-based access management
- HSM-secured identity credentials

Compliance & Data Privacy

Comply with industry standards including:

- White House Cyber EO 14028, Memo on Improving NSS Cybersecurity
- CISA, OMB, DoD and NIST Zero Trust Initiatives
- CISA Cloud Security Technical Reference Architecture. Dept of State-FAH: 5 FAH-8 H-354.2 Cloud Security Requirements, FedRAMP
- DHS-CDM DEFEND
- NIST 800-53 RMF
- FISMA
- CMMC

Ecosystem and Technology Partners

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THALES