

Next-Gen PKI Authentication : Secure, Portable, and Future- Ready Solutions

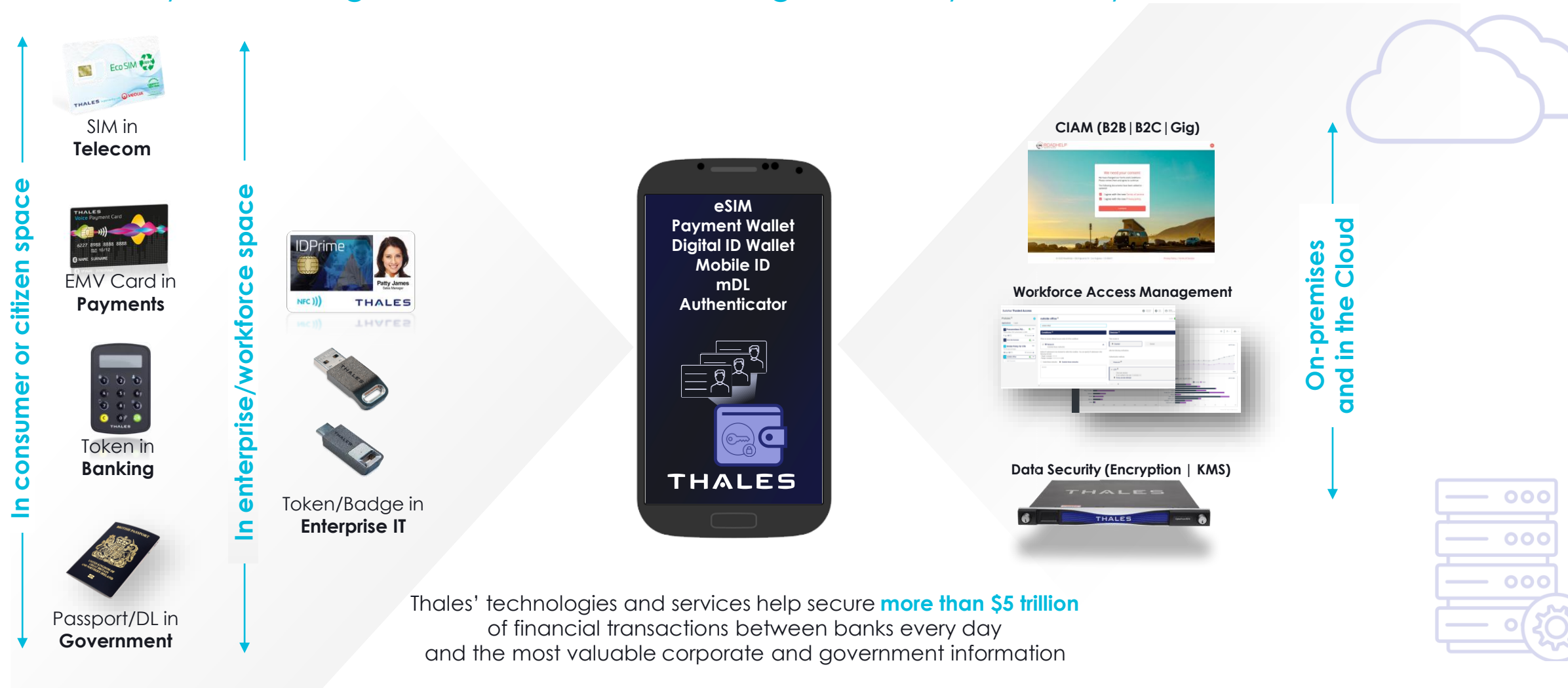
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www.thalesgroup.com



Thales Digital Identity & Security – bridging the Physical & Digital Worlds

You are likely to be using at least one of Thales's digital identity & security solutions.





Global Leader in PKI Authentication

- > Thales is a global leader in PKI authentication, ensuring secure digital identities
- > Trusted worldwide, Thales provides robust PKI solutions for data protection
- > Extend PKI Authentication to New Use Cases
- > Secure cloud transformation with PKI

Multiple options to **evolve** or to **maintain** your PKI investments

Evolve

Maintain

New products for modern use cases

Best-of-breed MFA portfolio



IDPrime Virtual



FIDO hardware authenticators



Smart Cards



Tokens



Middleware

Evolve PKI Solution: PKI Authentication for Cloud Applications

Extend certificate-based authentication to cloud apps via policy-based access management

The screenshot displays the SafeNet Trusted Access management console. The left sidebar contains navigation options: Dashboard, Users, Applications, Policies, Events, Authentication (highlighted), and Settings. The main content area is titled 'Certificate-Based Authentication' and includes a 'Policies and scenarios' section with a message: 'Certificate-based authentication is not yet enabled in your policies.' Below this is a 'Trusted Issuers' table with one entry for 'Acme'.

Trusted Issuers:	Validity Period	Revocation Check
Acme	Jan 20, 2018 - Jan 20, 2020	ON

Below the table is an 'Add Trusted Issuer' button.

- ▶ Integrate PKI credentials in policy-based access
- ▶ Simplify access for users with cloud and web single sign-on (SSO)
- ▶ Elevate trust with a choice of PKI and OTP-based authenticators

Evolve PKI Solution: Enable new PKI use cases with Virtual Smart Cards

IDPrime Virtual

Smartcard security with reduced friction

Credentials available on any machine
Credentials follow the user, because of server-side provisioning
Windows, Mac, Linux, Android, iOS support



User centric solution

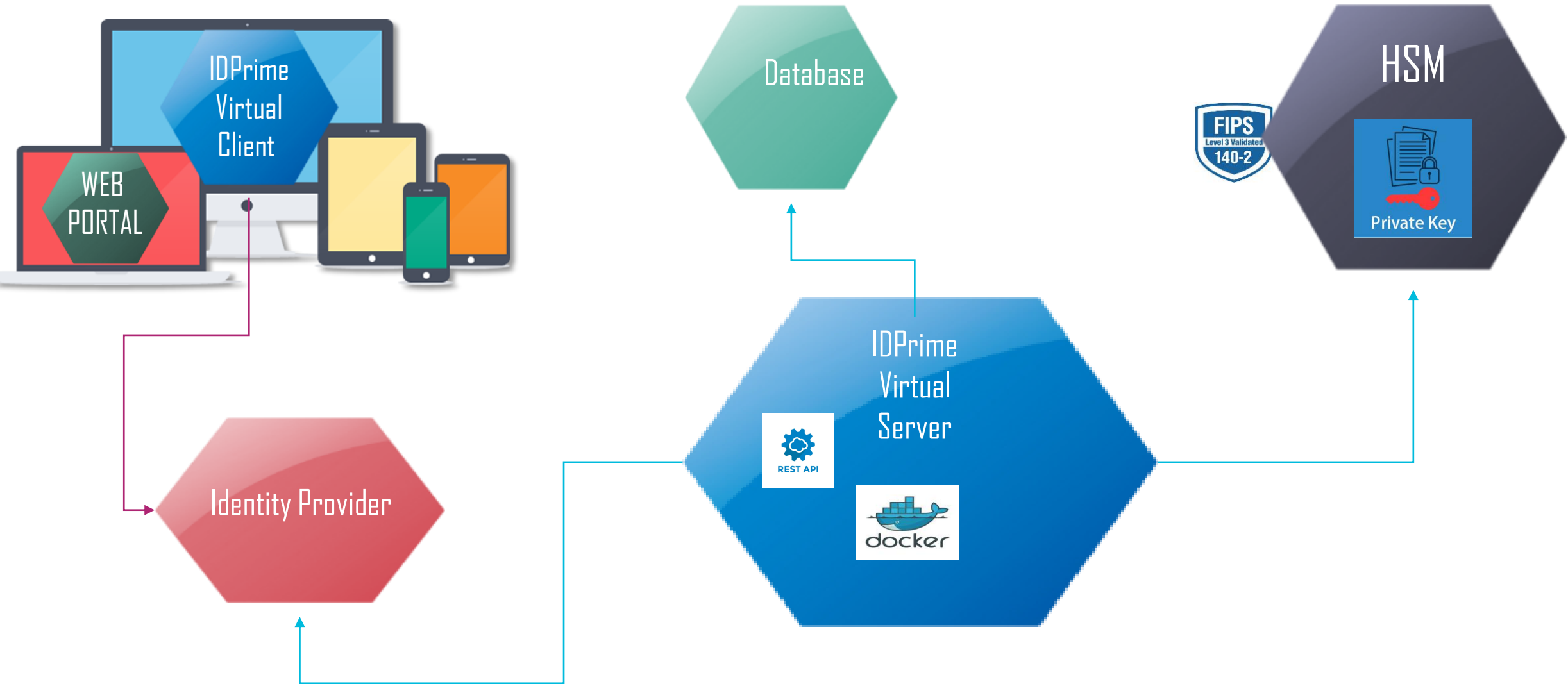
IDPrime Virtual: Scalable, Flexible and secure (HSM) virtual PKI solution

CBA for BYOD
(tablets, mobile devices)
&
VDI access

Temporary Smart Cards
for
contractors and
consultants

Easy
Hardware Token
Replacement

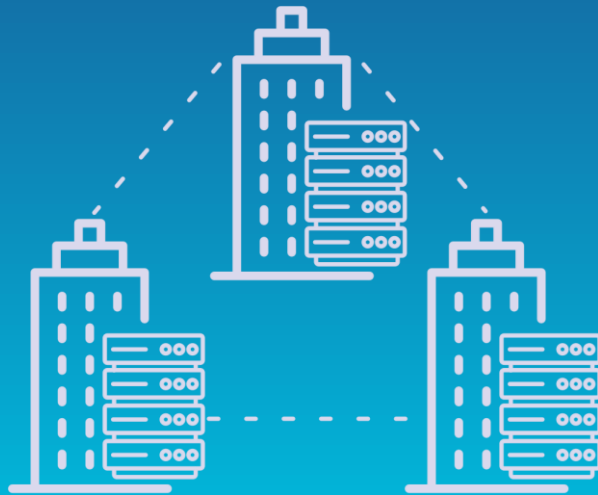
Virtual Smartcard overall integration (IDPs / Databases and HSM)



Advanced Management Functionality

> SafeNet Authentication Client

- ▶ Full management solution
- ▶ Designed for large deployments needing
 - Local admin
 - Support for a large landscape of platform integrations



Light Management Functionality

> Minidriver for Windows

- ▶ Plug-and-Play solution in Windows environment
- ▶ For smaller deployments needing minimal admin support



Thales gives you a wide range of options to choose from



Get the best of PKI and FIDO Worlds

Thales – Key Differentiator

Identity Verification



BYOI



Document Verification,
Liveness Detection

Authentication



Digital ID Wallets, Mobile ID,
Digital Driver's License



SCA, Phishing-resistant
Authentication, Passwordless



Single Sign-on

Authorization



Adaptive Access



Fine-grained Authorization



Delegation and Relationship
Management

Deletion



Account Deletion



Right to forget

SIGN
UP

LOG
IN

USE

LEAVE

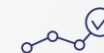
User Journey & Consent



User Journey Orchestration,
Authentication Journey



Consent and Preference
Management



Progressive Profiling

Data Security & Risk Management



Risk Management



Data Discovery and
Classification



Key Management, BYOK,
HYOK



Tokenization

Reinforced by Hardware
Root of Trust (HrOT)



PKI CBA



OTP Hardware



HSM, HSM-asS



Thank You

