

eMudhra

Market leader in enabling digital trust and secure digital transformation

May 2023

Table of Contents

1

Who Is eMudhra?

2

Trust Services and Product Portfolio

3

Enabling secure paperless transformation using emSigner

4

eMudhra innovating Trust Management



A global Trust Services Provider

eMudhra enables enterprises and consumers to engage, exchange information and transact securely, efficiently and with enhanced customer experience.

The Hague, NL

New Jersey, US



Bengaluru, IN

Dubai, AE

Jakarta, ID

Mauritius, MU

Singapore, SG

Market leader * and One Stop Shop player in Digital Trust



- Proprietary IP across usage of PKI (Public Key Infrastructure & Digital Certificates) for both cybersecurity and eSignature workflow (“Paperless”) use cases
- 780+ employees | 7 offices | HQ – BLR | Listed in NSE/BSE, India
- Being at the forefront of PKI
 - CAB Forum member
 - Asia PKI Consortium Chair
 - Cloud Signature Consortium Executive Member with Board representation
- **Ranked 1st** in India in ‘Identity & Digital Trust’ by IDC for 2 consecutive years and Gartner recognized
- **50 million+** certificates issued



Serving millions of customers and thousands of enterprises across 25+ countries & 5 continents with a global delivery center in Bangalore, India



We operate Public PKI at a global level through our own trust anchors with several country-specific CA's.



We are webtrust audited and run webtrust compliant services where required



We have requested accreditation in IGTF through APGridPMA



Our Digital Trust Reach

We have established a strong digital trust backbone across several countries either directly from our global trust services operations or through local partner tie ups providing our customers the ability to sign documents with legal validity globally

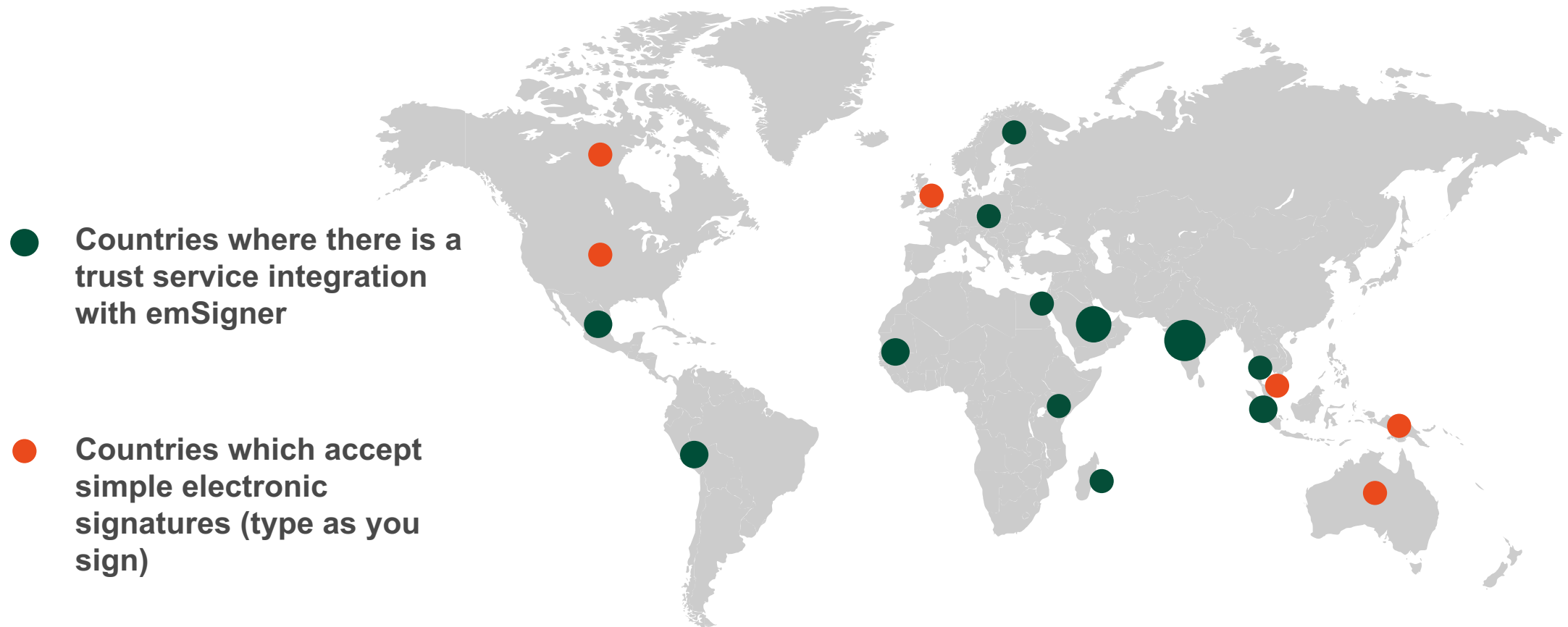


Table of Contents

1

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2

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3

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4

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“One Stop Shop” Solution Provider in securing the Enterprise in Zero Trust environments



Zero Trust is the new security paradigm

“Never Trust, Always Verify”

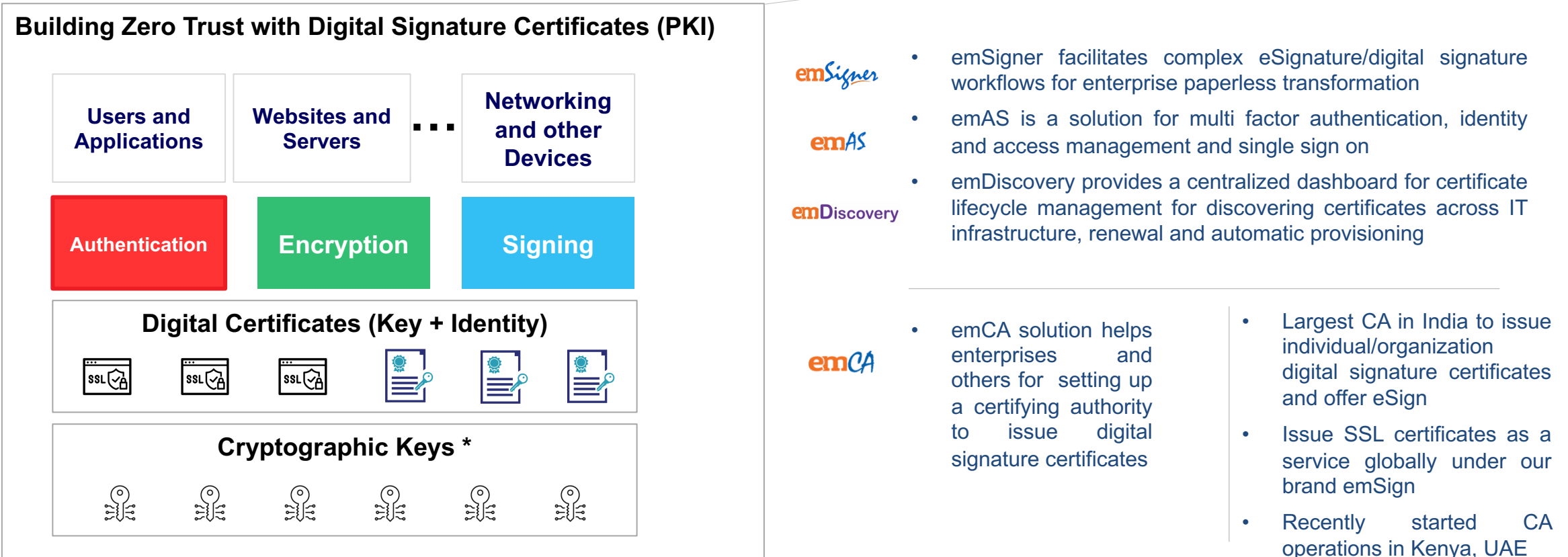
Digital Trust and traceability is becoming a critical factor in electronic document exchange – only technology that can replace wet signatures, provide legal non-repudiation, identity traceability, and non-tamperability is digital signatures

Cyberthreats are forcing enterprises to secure their networks. Sensitive use cases are rapidly adopting digital certificate based authentication to secure their infrastructure

Data privacy is forcing enterprises to leverage cryptographic keys to encrypt sensitive data

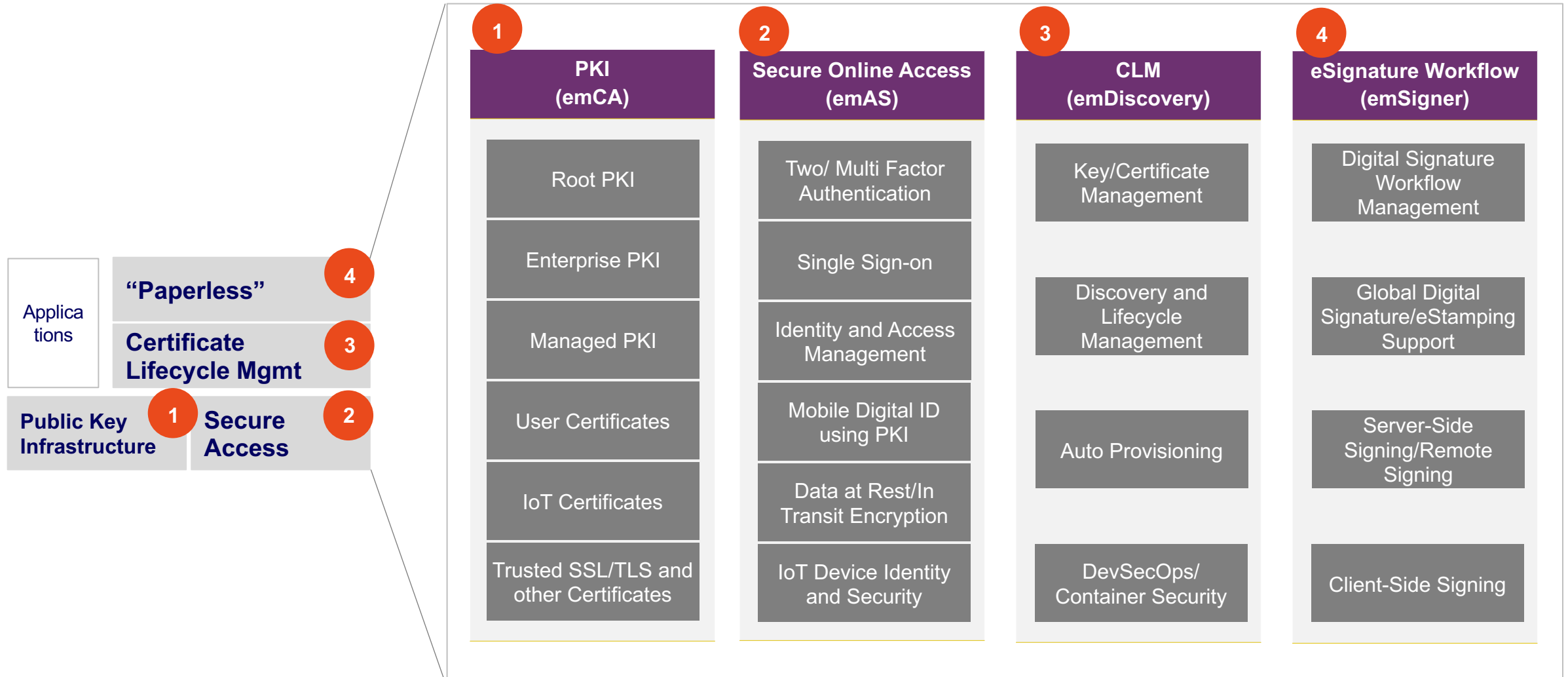
Where does eMudhra fit in?

Cryptographic identities are important in Zero Trust.
eMudhra is a one stop solution provider with proprietary IP (B2B) for Zero Trust and has a Certifying Authority business to issue digital signature certificates (B2C)



* Click here to understand cryptographic keys and digital signature certificates

Enterprise Solutions – Product Portfolio



“One stop shop” solution provider in secure digital transformation



eMudhra has become a key player of choice in Cyber Security and Digital Transformation

Table of Contents

1

Who is eMudhra

2

Trust Services and Product Portfolio

3

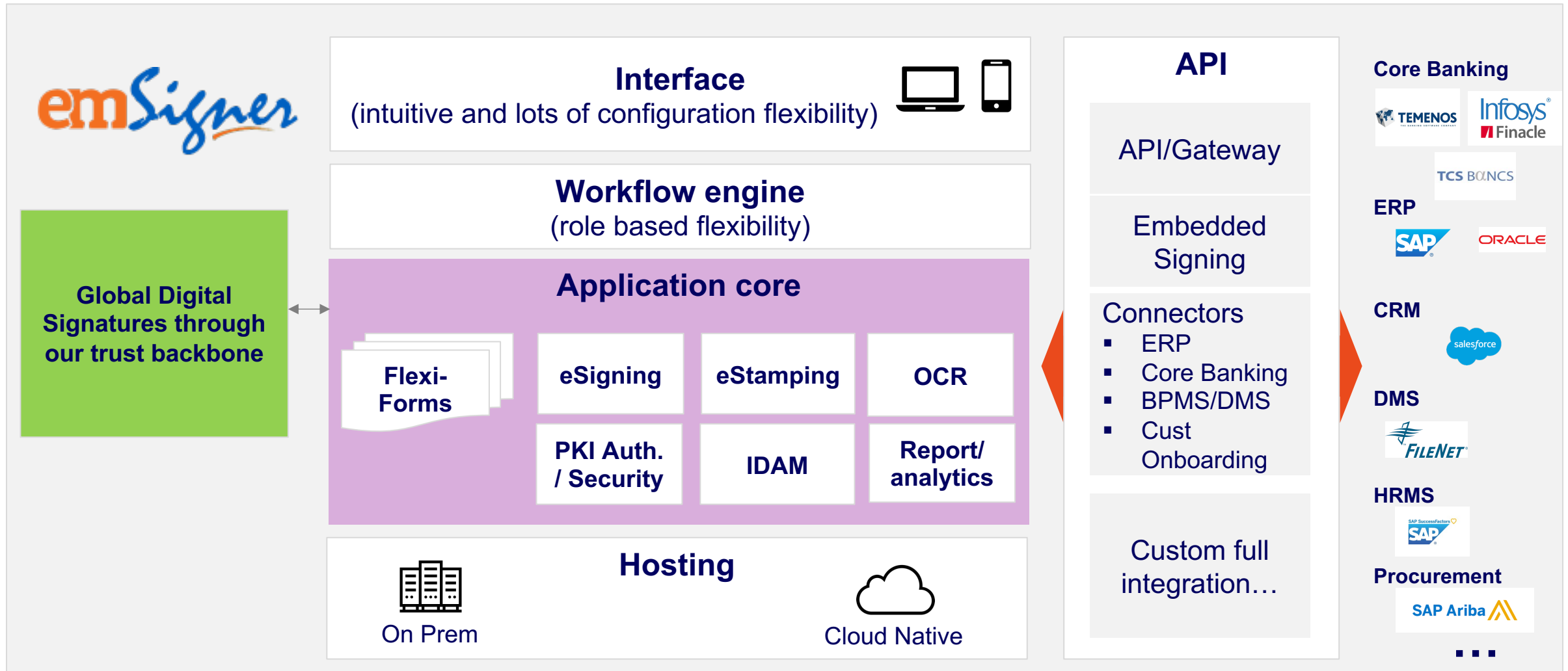
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4

eMudhra innovating Trust Management

emSigner – Quick Overview

emSigner is an eSignature workflow platform with support for global eSignatures and powerful capabilities for complete workflow automation across interactions with customers, employees and vendors



Empowering Paperless Transformation

emSigner offers comprehensive product capability, features and depth to eliminate paper using eSignatures across a range of scenarios involving external and for internal workflows with “full audit trail”



Not just a contract signing platform, can act as a source system to get allow origination of any signed document into enterprise

Comprehensive digitally signed Audit trails for easy compliance

Comprehensive set of Inbound/Outbound API's, Gateway and Embedded Signing to connect into any system

Can get up and running as a stand alone system in weeks

ONLY vendor to support On-prem/private cloud models for data residency

Gartner recognized as a full service, global, enterprise solution vendor in eSignature

Value for the Customer

1

Platform Capability

2

Legality, Quality and Security

3

Thought Leadership

4

24x7 Support and Responsiveness

Use Cases

emSigner has wide possibilities in automating paper based workflows across any industry. Given below are illustrative processes that can be made paperless in a legally compliant manner



**Employee/
Customer/Vendor
Onboarding**




**Digital
Lending and
Banking**



**Contract
Management**



**IT/Project
Management and
Sign Offs**



**Invoices/
Purchase Orders**




**Payments
and
Remittances**



**Vendor
Workflows**



**Sales
Quotations**



**Compliance
With
Global standards**

eMudhra has deep expertise working across industry to drive secure digital transformation

Table of Contents

1

Who Is eMudhra

2

Trust Services and Product Portfolio

3

Enabling secure digital transformation using emSigner

4

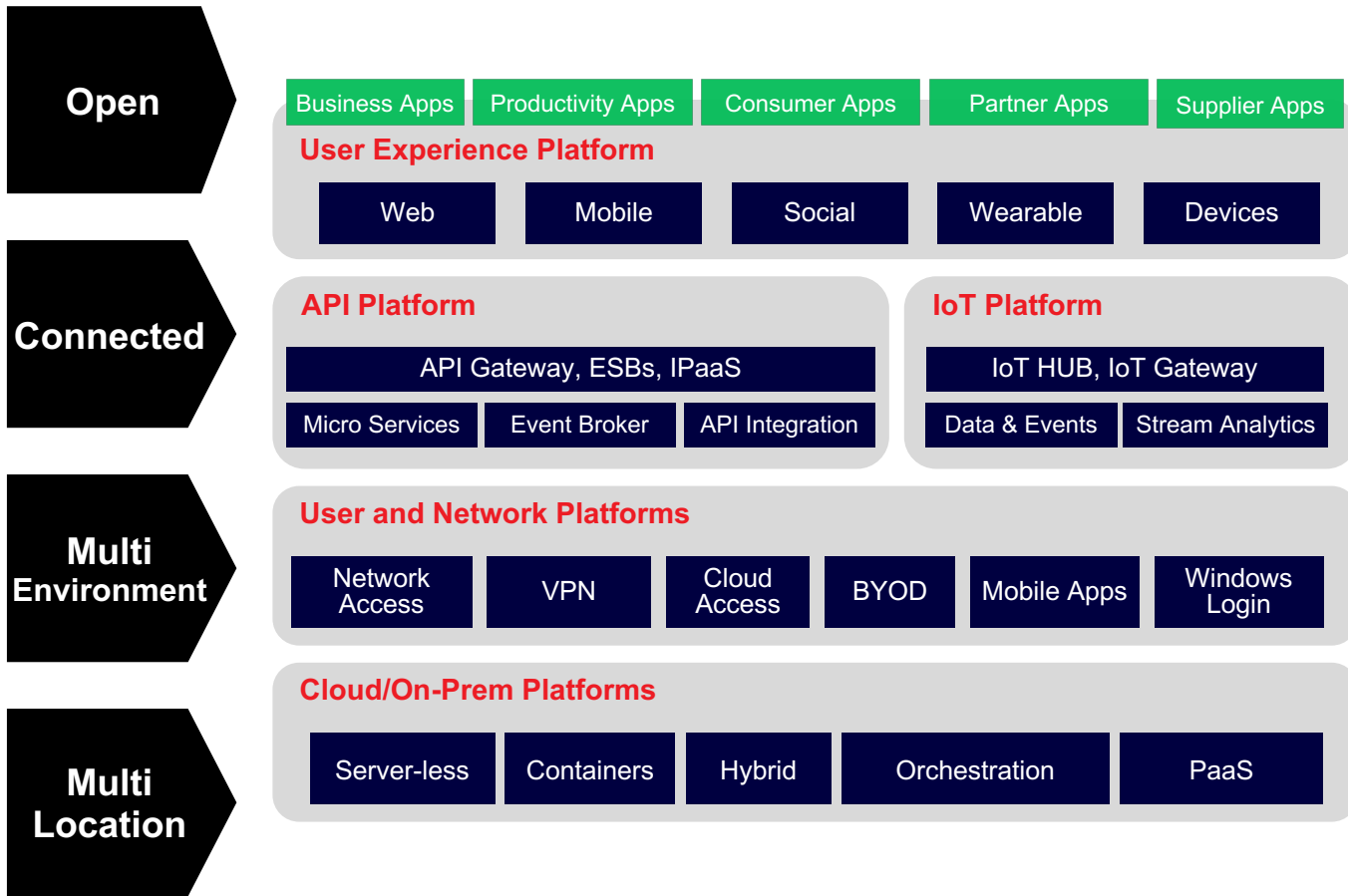
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Enterprise Solutions – emDiscovery Certificate Lifecycle Management



eMudhra launched a new product emDiscovery in FY 22-23 to manage the lifecycle of certificates, keys used for securing enterprise IT infrastructure and for protecting personal data

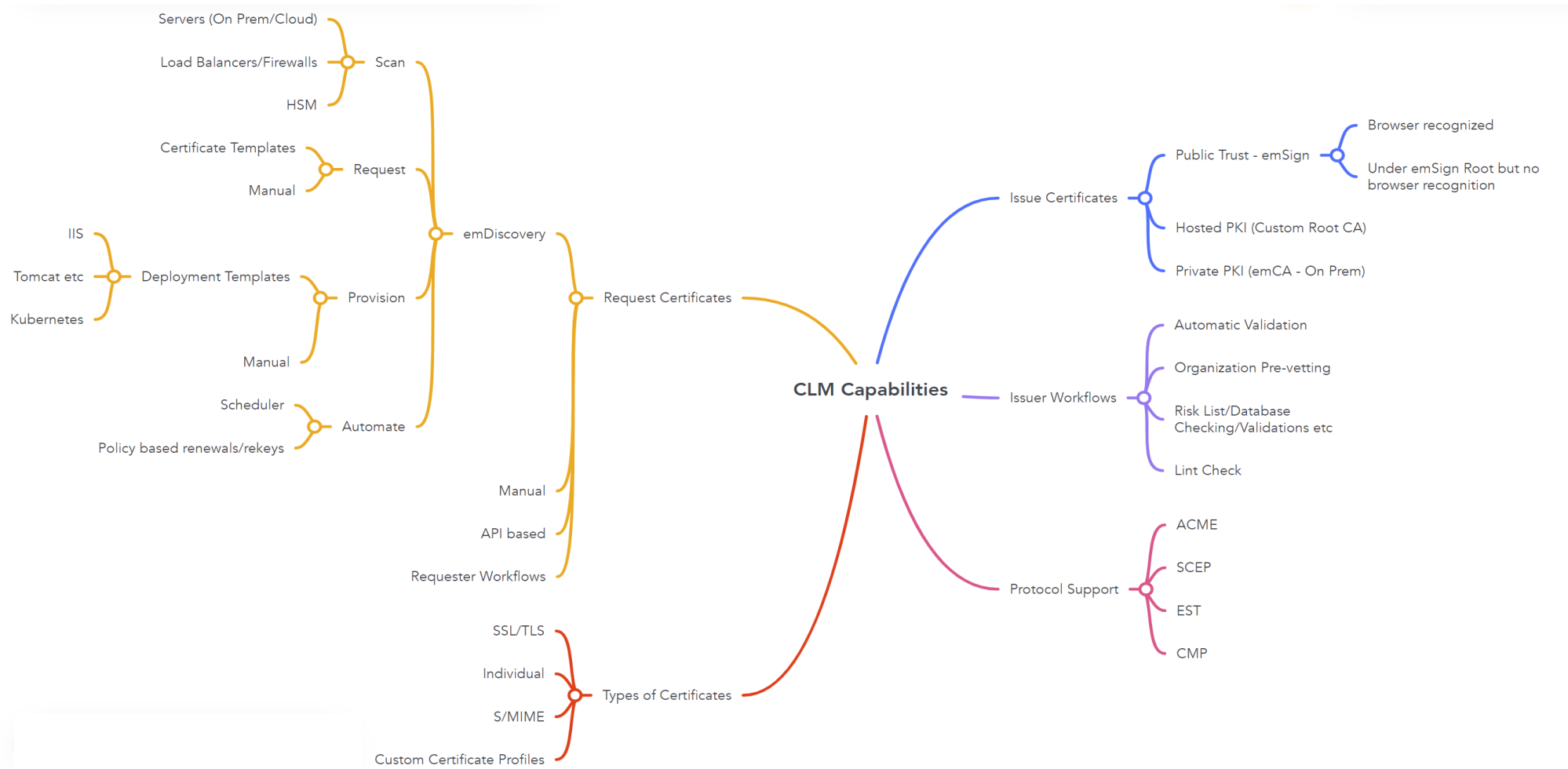
Enterprise IT environments are complex and many inter-connected pieces



- Large enterprises use lots of certificates/keys for data encryption and to secure authentication for
 - External facing Websites to prevent Phishing attacks
 - Internal Servers
 - VPN access
 - Firewalls/Load Balancers etc
 - Users and Devices for login
- Over time, different certificates would have been provisioned at different points of time and not renewing a certificate results in network, server outages
- There is an increasing need to manage these certificates through a centralized dashboard so as to
 - Proactively maintain an inventory of certificates
 - Discover certificates and expiry dates
 - Check for vulnerabilities in the certificates
 - Renew certificates automatically
 - Re-provision certificates automatically
- emDiscovery is a new product which focusses on managing the lifecycle of certificates to allow enterprises to easily manage and renew certificates with eMudhra

emDiscovery & Certificate Lifecycle Management

- Given that keys/certificates are becoming central in terms of enterprise security be it for SSL/TLS, Server/Device/VPN Authentication, Kubernetes Security, Data Encryption, Certificate Lifecycle Management is a big need of the hour



Combination of Discovery, emSign and emCA can effectively be positioned to offer comprehensive CLM capabilities

Questions?

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emudhra
Trust Delivered

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