

On-Line Banking

VPN

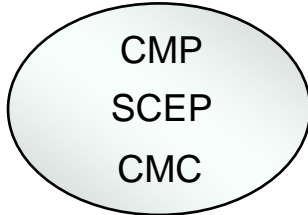
# SKS – Secure Key Store KeyGen2 –Token Provisioning Protocol

Executive Level Presentation

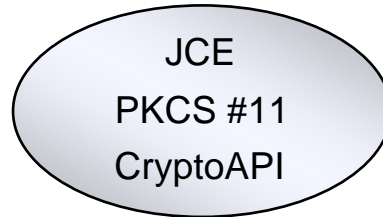
OPEN

# The Token Enrollment Enigma

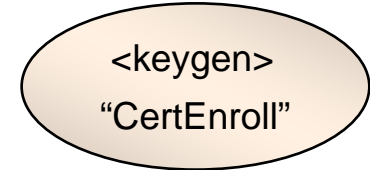
## Certificate Enrollment



## Cryptographic APIs



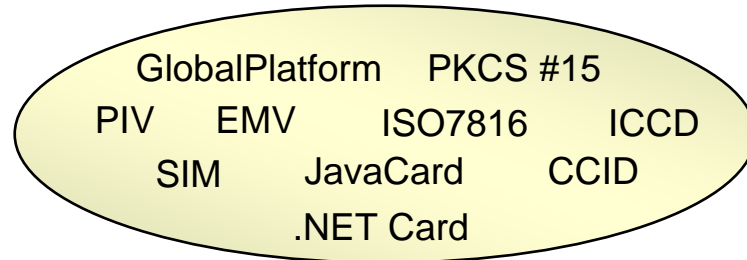
## Enrollment Using Browsers



## Smart Card Middleware



## Smart Card Standards



## Token Containers

- Mobile Devices
- Discrete Smart Cards
- Networked Devices

## Other Requirements

- End-To-End Security
- PIN Deployment
- Etc.

## Non-PKI Credentials

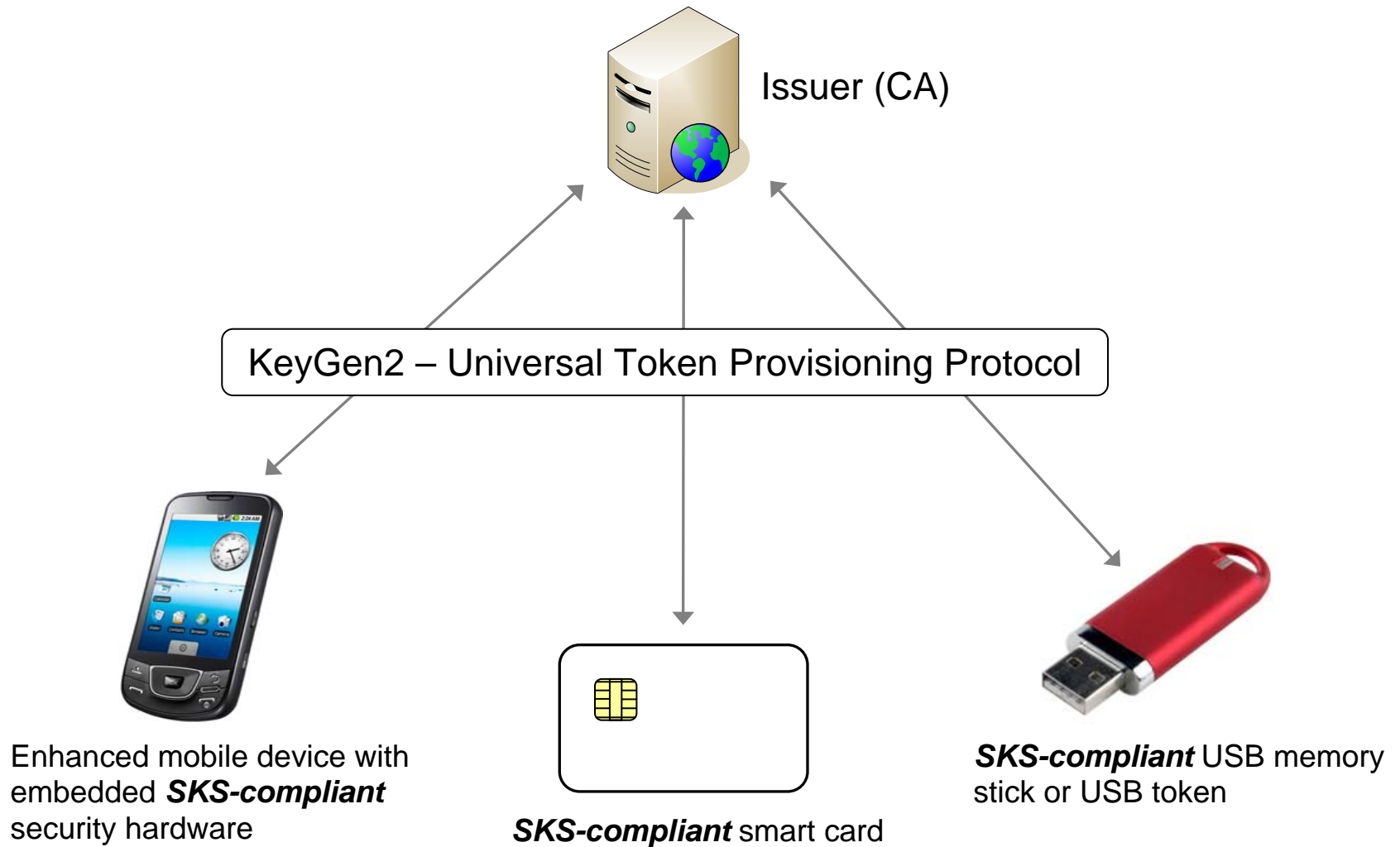
- OTP "Seeds"
- Information Cards
- Etc.

*Q: How can you make this work?*

*A: By using tons of time, money and professional services!*

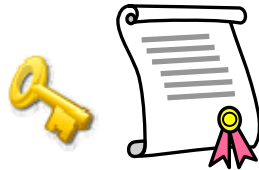
*There simply **must** be a better way...*

# Unified Token Provisioning



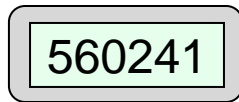
Security tokens come in many “form factors”

# Universal Authentication Technology Support



## PKI (Public Key Infrastructure)

The current gold standard for strong authentication



## OTP (One Time Password)

Excellent alternative to static passwords for accessing moderately critical services from arbitrary computers

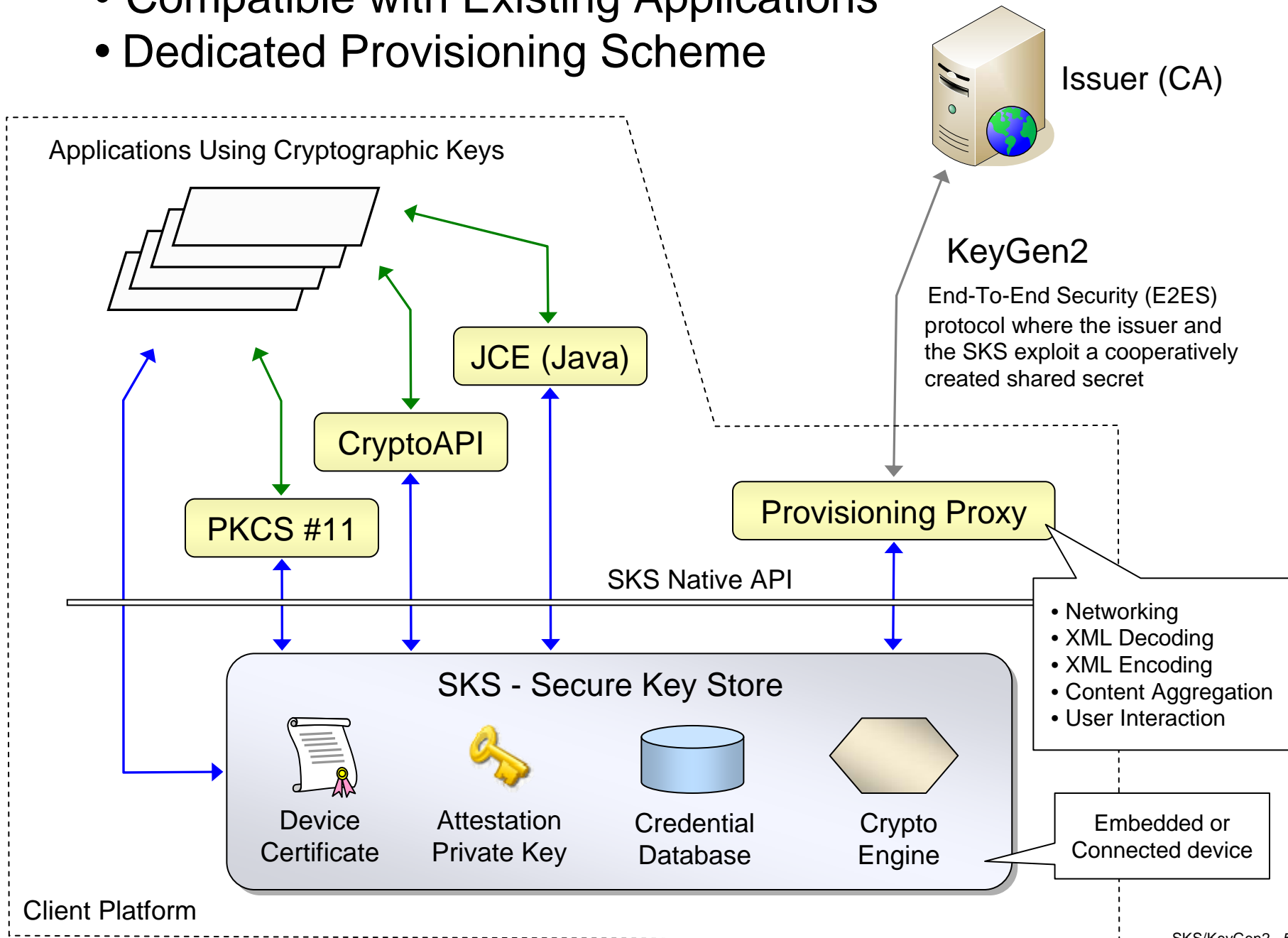


## Information Cards

Powerful way dealing with federated logins by for example providing the attributes (claims) required for accessing a resource rather than the user's identity

Why select when you can have them all using a single enrollment process?

- Compatible with Existing Applications
- Dedicated Provisioning Scheme



For more information....

<http://webpki.org/auth-token-4-the-cloud.html>

*The separation between authentication and payment solutions is only due to historical reasons, using SKS “a key is a key” ☺*