

Digital Signature

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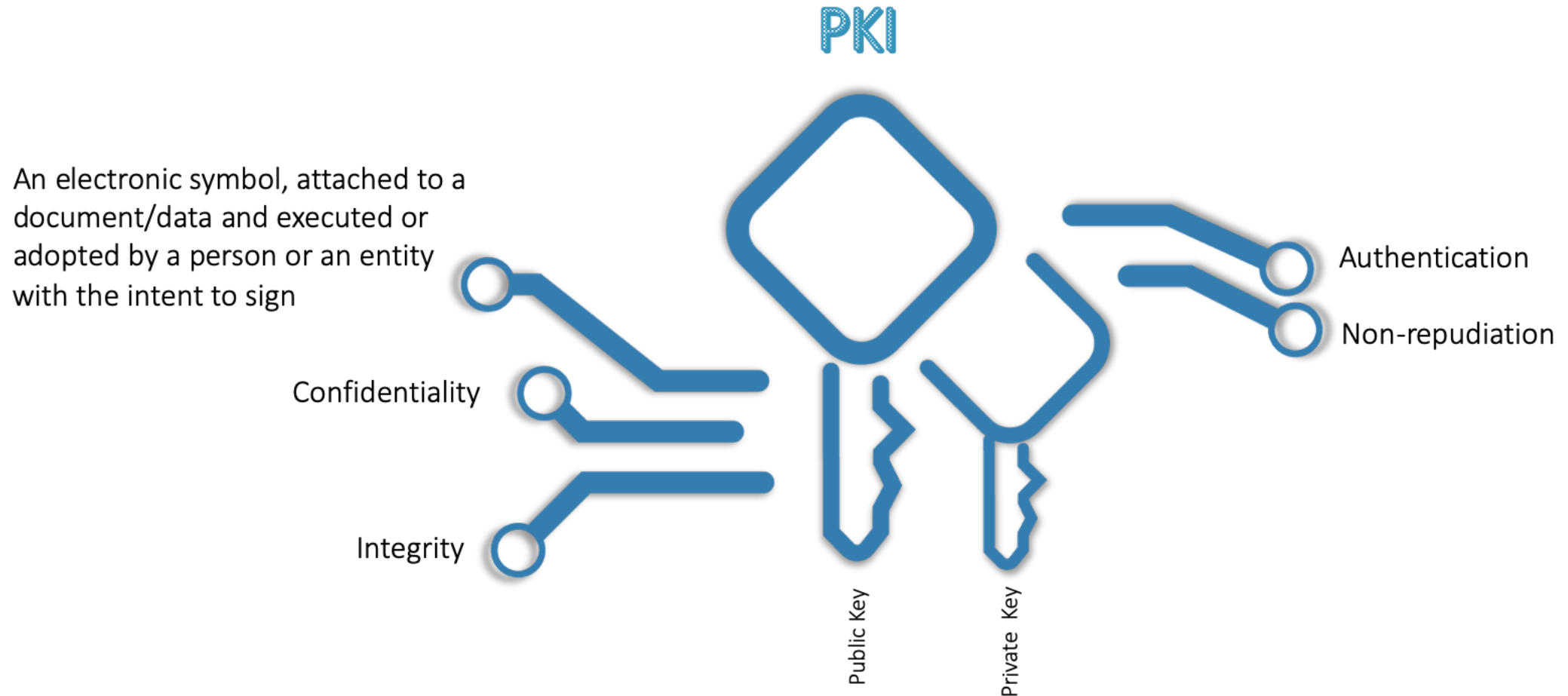
Director of Electronic Transactions Security Sector, ITIDA

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- What is Digital Signature?
- Digital Signature journey in Egypt
- Digital Signature Ecosystem
- Types of Digital Certificates
- How to obtain Digital Certificate/Seal?
- Using Digital Signature
- References

What is Digital Signature?



Digital Signature Journey



Digital Signature Law

- Egypt passed the Law 15 Regulating Digital Signatures
- MCIT Established ITIDA as Digital Signature regulator

2004



ROOT CA & CSPs

- Root CA is the trust anchor for all parties within that domain
- Issues digital certificates for licensed CSPs

2005



Competency Center

- Provides digital signature services and applications
- Integrates Apps with PKI, and protects information security systems

2013

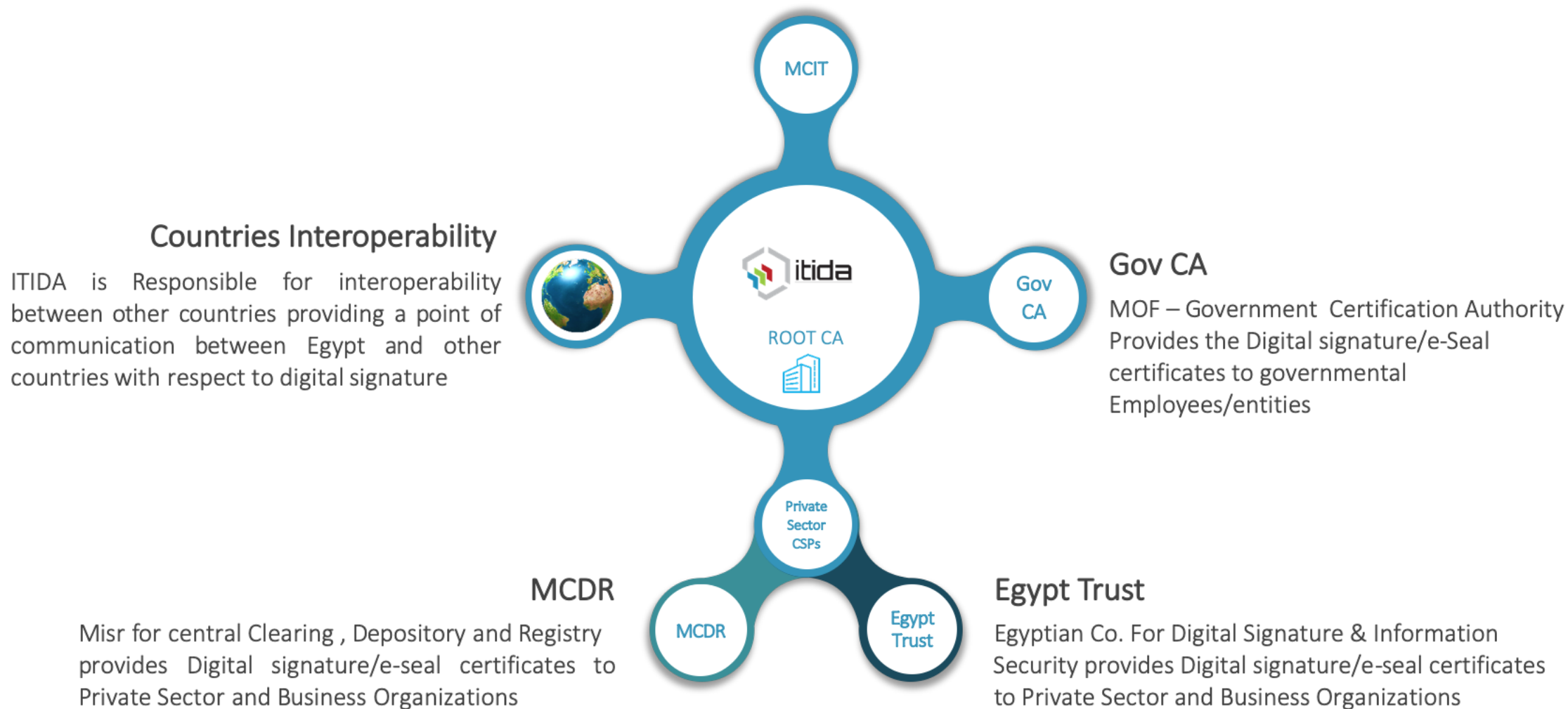


Empowering Digital Transformation

- Updated Digital Signature Executive Directive
- Key national projects:
 - MOF – E-Invoice
 - Economic Courts
 - Customs Authority
 - etc., ...

2020

Digital Signature Ecosystem



Types of Digital Certificates



01 | Digital Signature

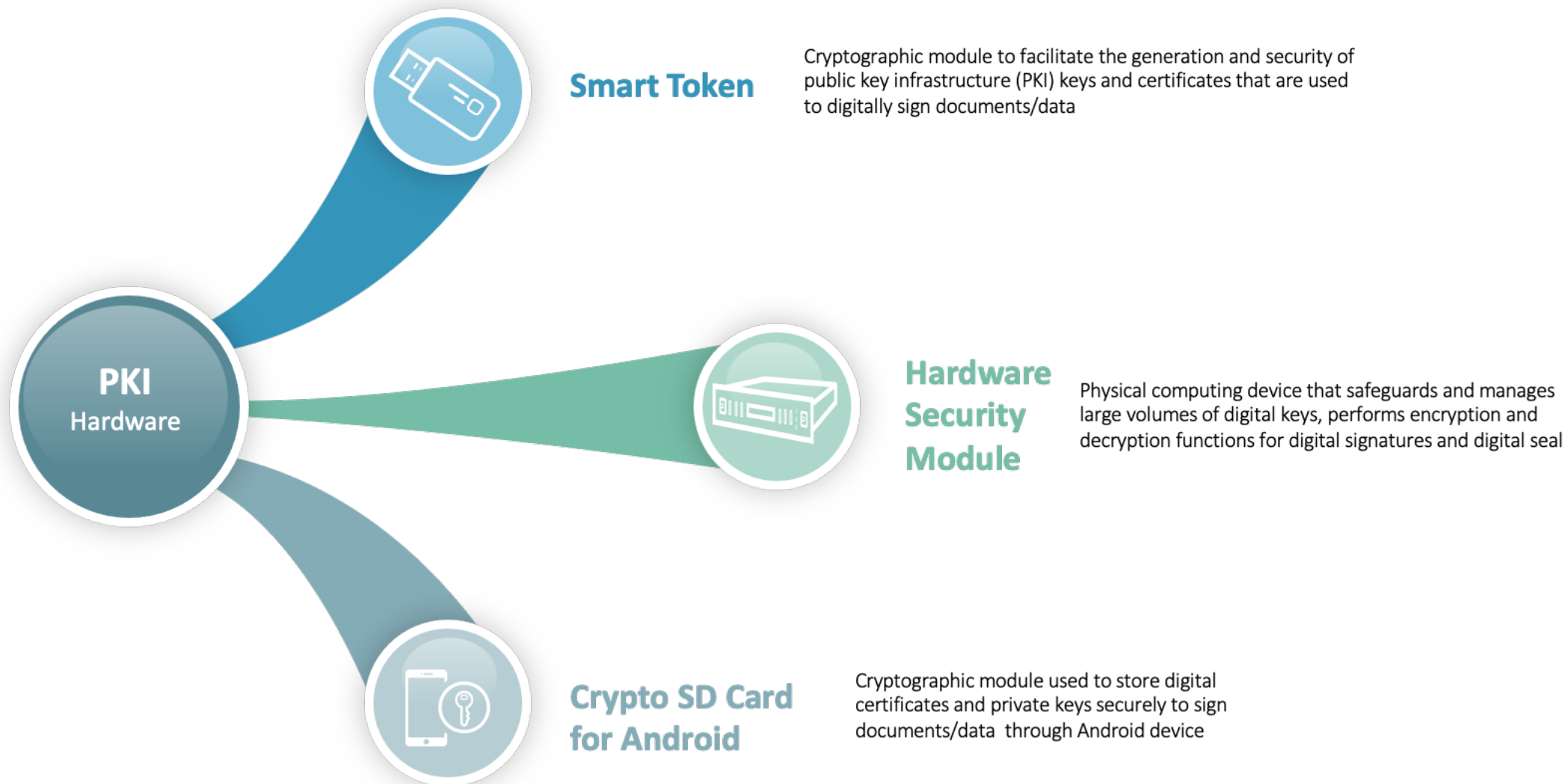
Legally binding signatures for individuals in the digital world



02 | Digital Seal

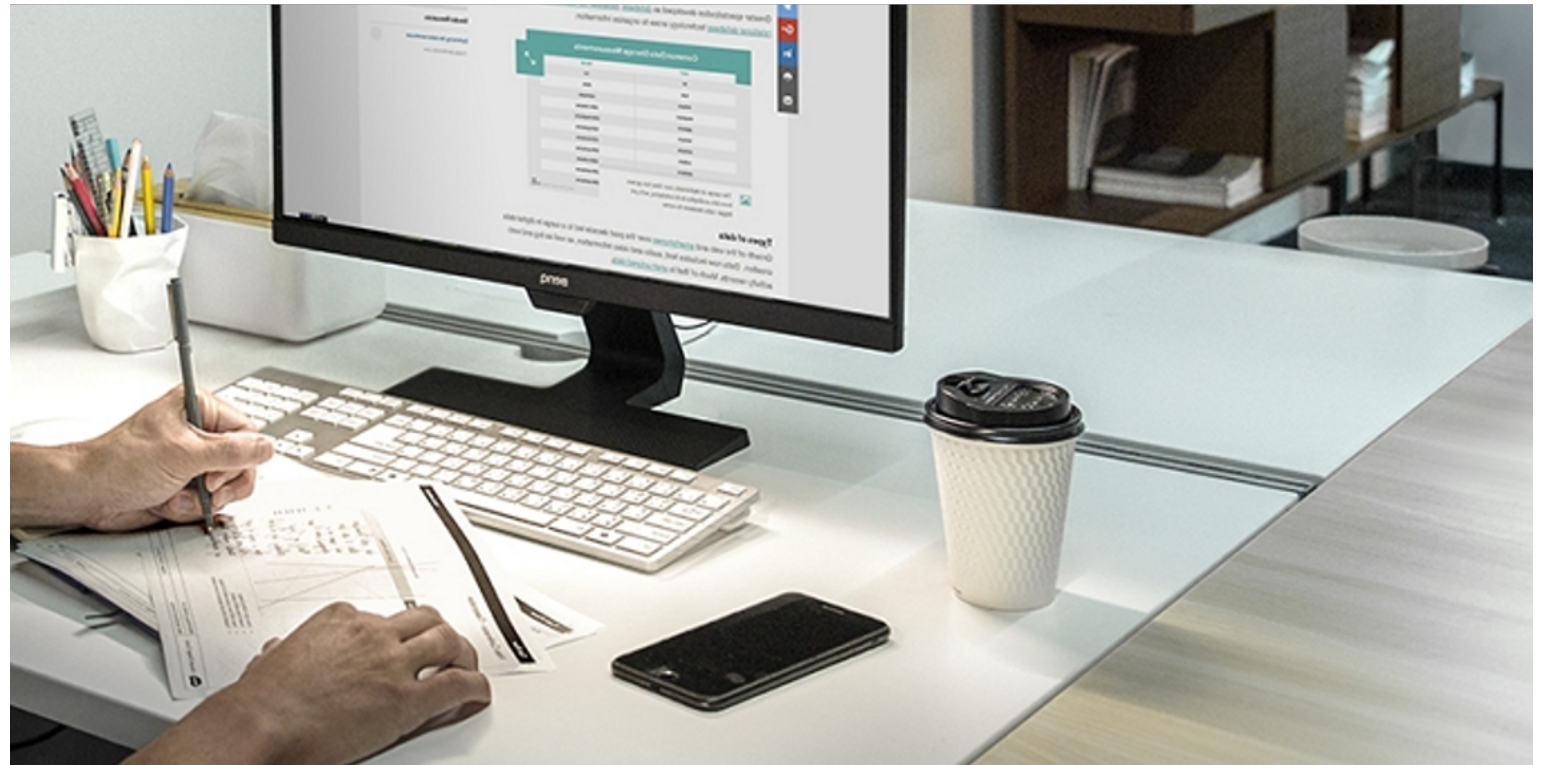
Protect corporates documents with automated signing processes

- Digital Certificate/Seal can be issued from one of the licensed Certified Services Providers (CSPs)
- Legal documents should be presented in person to CSP
- Digital Certificate/Seal will be issued using one of the authorized PKI tools

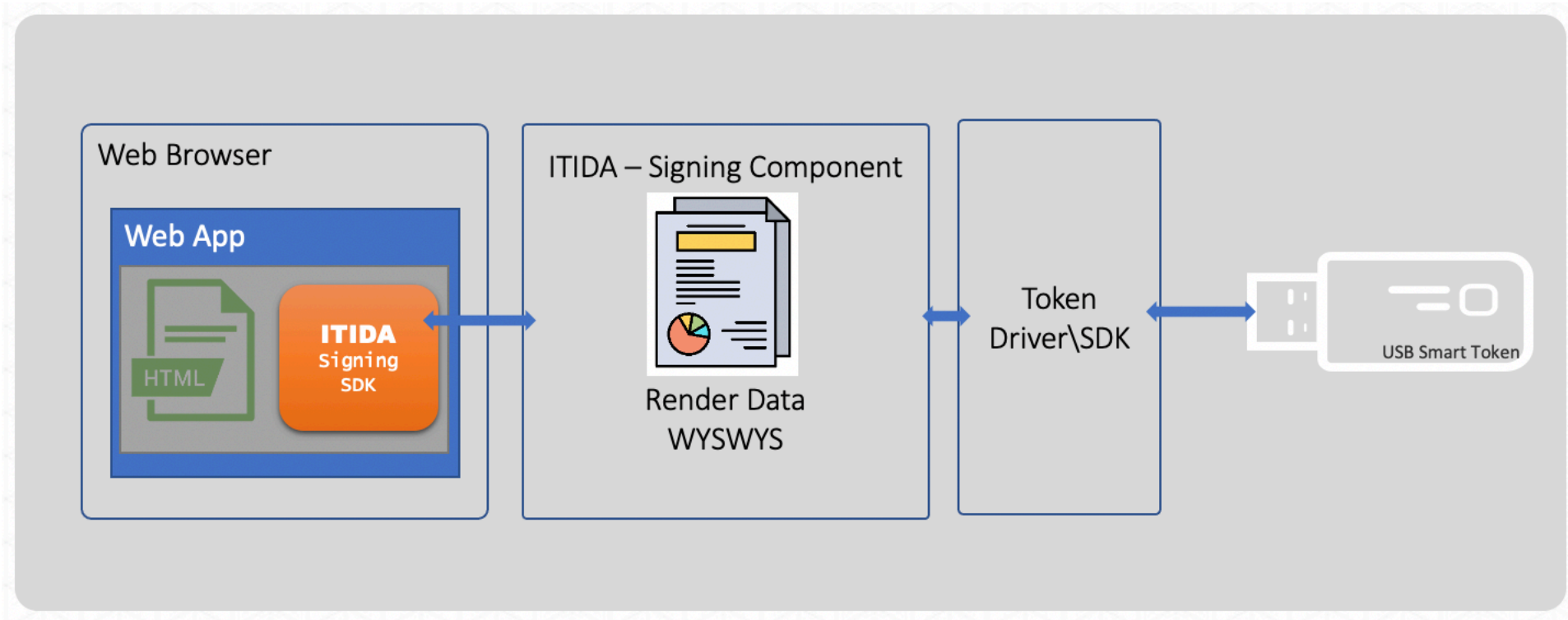


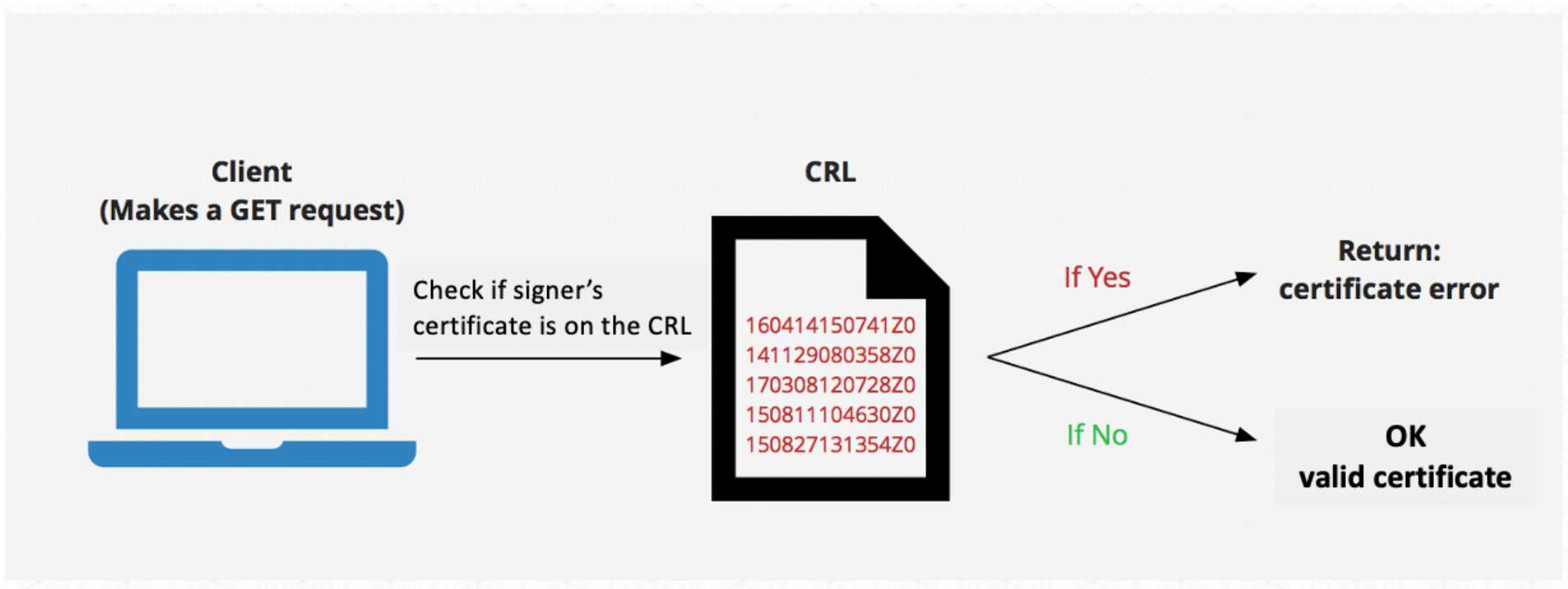
Using Digital Signature

ITIDA Signing Components are aligned with Egyptian Digital Signature Law, to enforce the mandate of **What You See Is What You Sign**.



Using Digital Signature





- Digital Signature law and it's executive directive - [ITIDA - E-Signature](#)
- e-invoice – [Digital signature requirements](#)
- Advance Cargo Information system (ACI) - [Digital signature requirements](#)

THANK YOU