Impression Signatures

PKIIndia Cross Border Recognition of Certifying Authorities

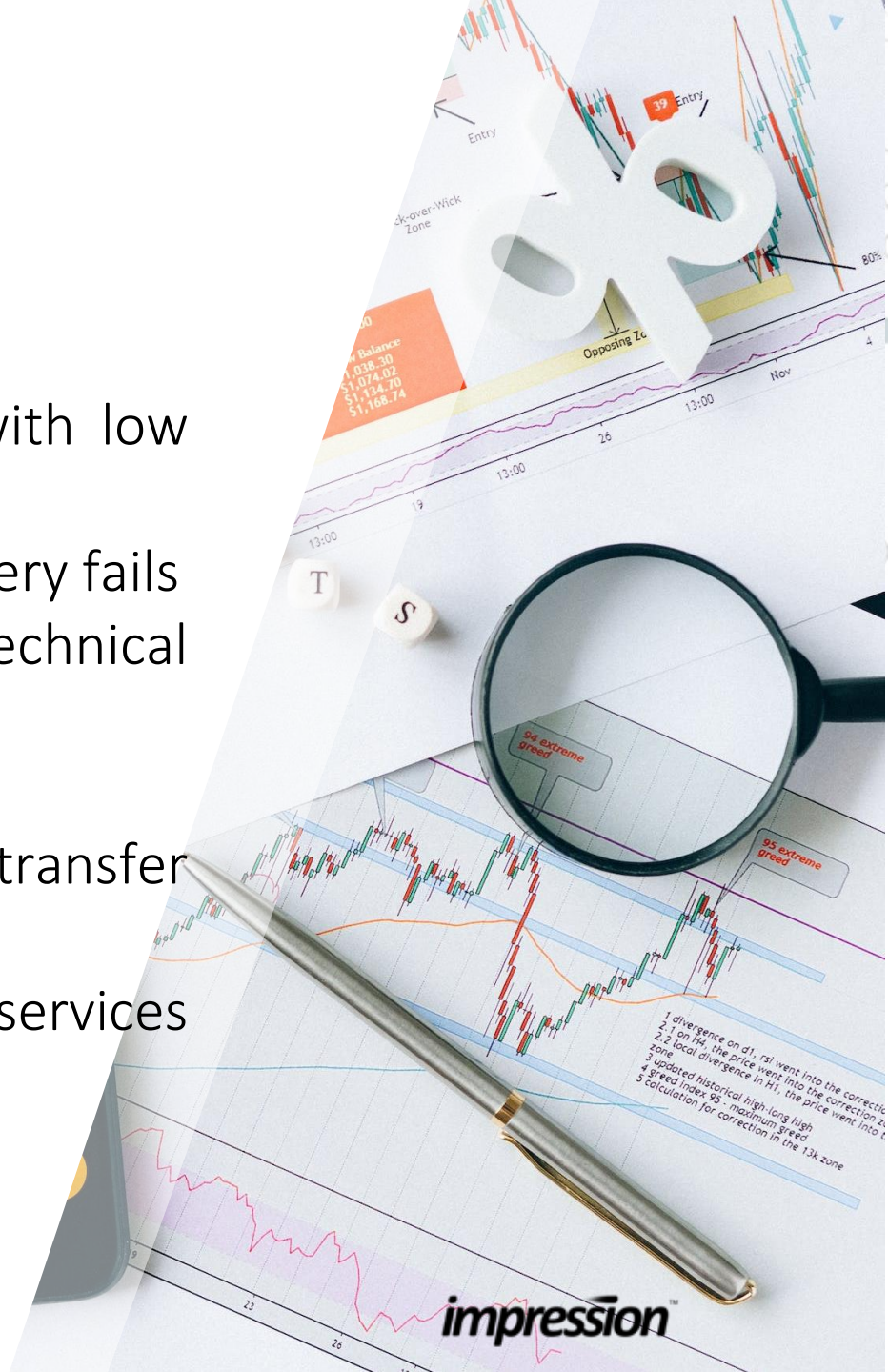
South Africa

impression™

South Africa

A country of great divisions

- Very sophisticated banking and IT service landscape with low levels of digital access
- Private sector innovates where government service delivery fails
- Government service delivery failures can hinder technical advancement
- Heavily urbanised regions and poorly serviced rural areas
- Recently set-down privacy legislation has restricted data transfer between certain regions
- Digital access remains a challenge to adoption of digital services at population level



PKI in South Africa

South African Accreditation Authority

- CA accreditation has fallen behind & legislation is 20 years old
  - This has negatively impacted uptake of PKI services
- Licence issuance is contingent on successful annual WebTrust audit
- Regulator is blocking the use of international roots
- eSigning is highly proliferated within the private sector
- Move to paperless has enabled reskilling of labour force into skilled jobs
- Biometric signing popular due to high levels of fraud
- Certification is necessary due to high levels of documentation fraud
  - Certain document fraud is no longer covered by commercial insurers

impression™

Trust and Conformance

Trust, AATL, certificates and the CSC

- The Adobe Approved Trusts list is designed to allow certificates to issued to trusted entities to be validated anywhere in the world
- CAB has reduced certificate validity to 1 year, with some CA's issuing 3 year certs, and conducting the verifications annually
- 2nd version of eIDAS should recognise other countries versions of QES
- Cloud Signature Consortium strives to build an internationally recognised standard for cloud signatures

Cloud Signature Consortium

Building a Standard for Cloud Signatures

- The **Cloud Signature Consortium** is a global group of industry, government, and academic organizations.
- Founded in 2017, the Consortium has been growing continuously to – today - 70 members active across the globe.

Why use the CSC API

- ease solution interoperability,
- streamline compliance with e-signature regulations, and
- open the market for uniform adoption of cloud-based digital signatures.

Download CSC API for free

- expanded the functionalities based on the needs of users,
- tackling e-seals creation and on-demand certificates, and
- inclusion of OpenID connect in Oauth.

Other CSC Activities

- standard development and certification,
- best practice and knowledge exchange between TSPs globally, and
- advocating for the sector.

impression

Thank You

impression™