

# **USING THIRD PARTY INFRASTRUCTURES FOR E-IDENTIFICATION, E-SIGNING AND E-DELIVERY**

## **A KEY TO SMART CITIES**

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**e**vrotrust

# Paper-based world

How to bring same level of legal certainty to the digital world as it exists to the paper world with respect to transactions?

- ✓ Identification
- ✓ Signing of documents
- ✓ Time attestation
- ✓ Delivery of documents



# **European legislation**

**Regulation (EU) № 910/2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93, adopted by the European parliament and the Council**

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# Main purposes of Regulation 910/2014

- ✓ Eliminating existing differences between national legislations and the lack of interoperability of electronic signatures;
  - ✓ Ensuring security of transactions between citizens, businesses and admin. authorities;
  - ✓ Mutual acceptance and recognition of electronic identification schemes, notified to the Commission.
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# Scope of the Regulation



**eID**

**Regulation  
№ 910/2014**



**eTrust  
services**

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# Trust Services



# Types of Trust Services

Electronic  
signature

Electronic seal

Electronic  
registered  
delivery service

Website  
authentication

Electronic time  
stamp

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# Digital World

Regulation 910/2014 brings same level of legal certainty to the digital world as it exists to the paper world with respect to transactions – trust services

- ✓ E-identification
- ✓ E-signing of documents
- ✓ E-timestamping
- ✓ E-delivery of documents





# Current Technologies



- ✓ Knowledge needed
- ✓ Non-technology neutral
- ✓ Not secure enough
- ✓ Not-user friendly



**Barriers**



**State Authorities**



**Banks**

# **New Generation of Trust Services**

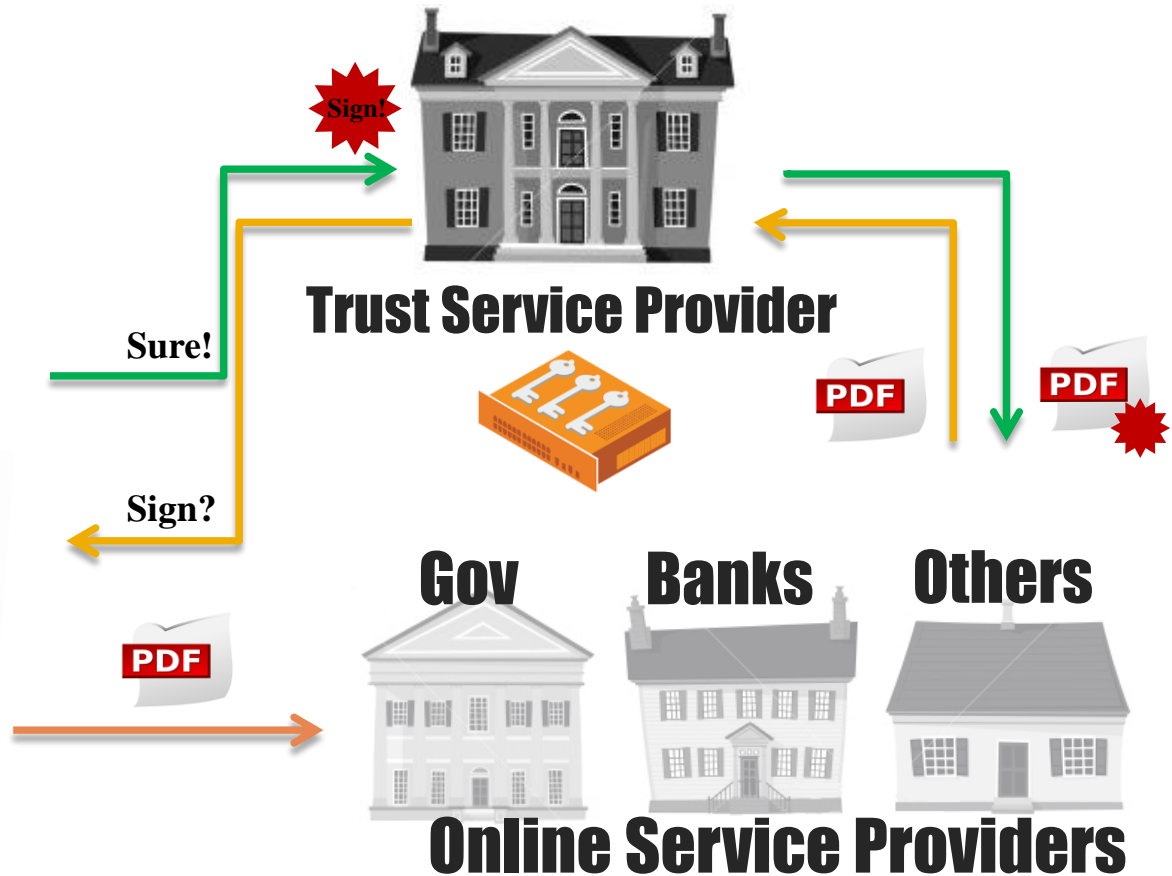
**REMOTE TRUST SERVICES  
AND THIRD PARTY  
INFRASTRUCTURES**

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# Remote eID and e-signing



- ✓ No knowledge needed
- ✓ Technology neutral
- ✓ Dual factor security
- ✓ User friendly



# Effects

- ✓ **Remote identification**
  - ✓ **Remote signing of documents with qualified e-signature**
  - ✓ **Remote delivery by qualified delivery service**
  - ✓ **Remote time-stamping**
  - ✓ **No physical presence anymore**
  - ✓ **Straight from the mobile**
  - ✓ **With one click**
  - ✓ **... or Touch ID, or Face ID, or Voice ID, or all**
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# Conclusion

**FUTURE RESTS  
WITH THE REMOTE  
SERVICES BASED ON  
THIRD-PARTY PKI  
INFRASTRUCTURES**

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**Thank you for the attention!**



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