SMART-ID
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COMPANY BACKGROUND

+ Qualified Trust Service provider in EU
+ Running the core infrastructure for Estonian national eID
+ Established in February 2001
  • 41 employees
  • revenue 5 MEUR
+ SK is privately held company with 3 shareholders:

  Swedbank  SEB  Telia
SK provides full e-authentication and digital signature solutions for even the most demanding private and public services.

We work on a level that meets the world's highest security standards.
WHAT WE DO

+ SK (“SK ID Solutions”) specializes in international e-identity solutions and running PKI based infrastructure.

+ Currently Estonia's only Qualified Trust Service provider. Our services are entered in the EU Trust List.

+ Major customers: state of Estonia, Baltics major banks and telecom operators, health sector.
CORE BUSINESS: TSP

+ National personal identification documents
  - ID-card, Digi-ID, Mobile-ID, residence permit, e-resident’s Digi-ID
  - Biometrics, SPOC (BAC, EAC)
+ Smart-ID
  - Qualified Certificates
  - Non qualified certificates
+ Organization certificates
  - Authentication, crypto & customized certificates
  - Qualified e-Seal
+ Certificates for tachograph cards
CORE BUSINESS: VALUE ADDED SERVICES

+ High Availability infrastructure
  - Smart-ID message hub
  - Mobile-ID message hub
  - Validation service
  - Time-stamping service
+ 24/7 support
  - End-users
  - Integrators & Service providers
BUSINESS HIGHLIGHTS

+ Running the core infrastructure for Estonian national eID.
+ Half of the population in Estonia uses SK e-identity platform and certificates in their daily activities.
+ SK is responsible for Mobile-ID service based on SIM cards.
+ SK ensures the reliability and integrity of the electronic infrastructure for 240 million transactions per year.
+ Providing Tachograph card certificates in EU countries.
+ More than 600 e-services using our validation service.
+ Trustworthiness is proven by regular audits.
SK services are entered in the EU Trust List as...

- a qualified provider for creation of qualified electronic time stamps
- a qualified provider for creation of qualified certificates for electronic seals (e-seal)

First qualified e-Seal certificate provider in EU. Providing...

- Advanced e-Seal
- Qualified e-Seal

Together with ISIGN brought to the Lithuanian market e-Sealing as a Service
CHALLENGES

- Strong authentication (2 factor)
- Mobile Device friendly solution
- Convenient use
- Compliant with directives
- Enabled electronic signatures
personal identification solution for authenticating in different e-services and giving electronic signatures recognized in the EU member states.
+ No SIM cards
+ No additional hardware
+ No card readers
+ No dependency from mobile operator
+ No boarders
FASTEST eID ROLLOUT

+ Over **100.000 users** joined to use app in first **two** months period

+ Reaching over **550.000 users** in 3 countries making more than **8 million** transactions

User’s future-proof “key” to variety of e-services across European Union.
Smart-ID Benefits

**Convinient and fast**
Works fast and easy in usage and registration

**Multi device usage**
One user can have several devices for using Smart-ID

**Secure**
Innovative solution uses advanced cryptography and proven PKI

**Cross country usage**
Same eID works in different countries

**Legally binding signatures**
Advanced Electronic Signature with Qualified Certificate

**Compliant**
Compliant to EBA guidelines, eIDAS and PSD2 requirements

www.smart-id.com
SMART-ID COMPLIANCE

+ Compliant to European regulation (eIDAS)
  – Audited by independent eIDAS certifier organization TÜViT

+ Smart-ID compliancy with PSD2, EBA’s Guidelines, RTS and local legislative requirements of Estonia, Latvia and Lithuania as strong authentication and electronic signature solution approved by KPMG report.
ETSI/ISO CERTIFICATES


+ QTSP Certification
SIGNATURE TYPES BY EIDAS REGULATION

**QES** – Qualified Electronic Signature

**AdES/QC** – AdES with Qualified Certificate

**AdES** – Advanced Electronic Signature

Electronic signature
VALUES

✅ Better customer journey
✅ Secure solution with 2 factor authentication for login and transaction approval.
✅ EBA guidelines are met on payment restrictions
✅ Customers can sign now legally binding agreements (upcoming equal to handwritten)
✅ Compliant to eIDAS and PSD2 directive
✅ Cross-borderer authentication and signature usage
NEXT STEPS

+ Smart-ID certified as QSCD/QES token, Q1 2018
+ Smart-ID issuance using video identification
+ Smart-ID issuance using EU members qualified tokens
+ Smart-ID issuance to non-EU members
+ Compliancy to GDPR
THANK YOU!

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