Digital Certificates Records
(Enabling Digital Public Services)

Mojca Kunšek, CEO
Tadej Ulčar

AJPES
Agencija Republike Slovenije
za javnopravne evidence in storitve
Agency of the Republic of Slovenia
for Public Legal Records and Related Services
Strategic goals of AJPES

- To enhance the security of legal transactions and contribute to a transparent business environment
- To contribute to reducing the administrative burden for the economy and promote e-commerce by electronically receiving and sharing information
- To cooperate with institutions for a better legal and institutional framework
- To get an important share of market for our economical services
Activities of AJPES:

Public activities:
• Registering (VEM), Maintaining registers (SBR) and data records
• Collecting, processing and publication of annual reports of business entities (AR)
• Carrying out statistical research (STAT)

Economic activities:
• Compiling credit standing reports (BON)
• Coordination of multilateral set-off of liabilities and receivables (POBOT)
AJPES milestones

Enabling Digital Public Services
e.g. SBR

- **2003**: AJPES begins management of SBR
- **2005**: Introduction of one-stop-shop (VEM)
- **2007**: Introduction of DCR
- **2008**: Integration of SBR and Court register
- **2009**: First cross-border services - association to EBR
- **2017**: Interconnection of SBR and BRIS
Enabling Digital Public Services
e.g. Annual reports

- 2003: Dual (paper & e-) filing, public notice of Annual Reports
- 2006: Collection of AR once for 3 purposes (taxation, statistics and publicity)
- 2008: Mandatory e-filing for companies
- 2009: Lower fee for AR submitted with e-signature
- 2010: All AR for all subjects filed electronically
- 2017: > 90% of AR digitally signed
Enabling Digital Public Services

e.g. Annual reports

% Digitally signed AR


12.0% 32.61% 44.89% 52.99% 67.80% 71.07% 73.52% 76.72% 81.53% 93.90%
SBR Public Information

- Online public access (free of charge)
- Re-use of information (profit and nonprofit purposes, daily updates, monthly data, web service, ftp)
- G2G exchange (government to government)

SBR Personal Data

- Minor Offence Authority Access (Digital Certificate required)
- Courts access (unrestricted access to Courts register database)
- Web services for special purposes (institutions and bodies with valid legal interest)

Individual search (since 2015)
search of registered personal appointments of certain person in SBR
- Public
- Restricted (for authorized public authorities)
Business Register of Slovenia Act

Slovenian Business Register (PRS - Poslovni Register Slovenije)

- Data on all business entities, their subsidiaries, and other organization segments located in Slovenia which perform profitable or non-profitable activities.
- Digital Certificates Record.
Digital Certificates (of legal representatives) Record

- **Legal basis:** Business Register of Slovenia Act and Decree on digital certificate record system (2007).
- Provides information on the e-identity of person(s) authorized for representation of entities engaged in business activities.
- Contains issuer and serial no. of the qualified digital certificates (QDC) obtained in accordance with the regulations governing electronic signatures.
DCR – How does it work?

Data transmission

- CA database
- SBR database
- Representative TIN pairing
- Digital Certificate Record

DCR – How does it work?

• Daily data updates from BR and (local) Certification Authorities.

• Qualified digital certificates (QDC) holder submits data via e-application for QDC issued by other CA.

• Public data is available free of charge on AJPES portal.
DCR – How does it work?

Data use
DCR – How does it work?

Internet application
DCR – How does it work?

Internet application

Id No.
Tax ID No. (entity)
Tax ID No. (representative)
CA
QDC Serial No.

* oznaka izdajalca AJPES je namerjena za izdajanje
** serijsko številko vpišite v hexadecimalni obliki (dolžine oblike: s1, s2, c1, c2, d4, A1, B2, C3, D4)
DCR – How does it work?

Internet application

### Preverjanje kvalificiranega digitalnega potrdila zastopnika

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<td>način zastopanja</td>
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### Kvalificirano digitalno potrdilo (KDP)

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| Status | Ni podatku, da je imetnik kvalificiranega digitalnega potrdila zastopnik poslovnega subjekta! |

### Preverjanje kvalificiranega digitalnega potrdila zastopnika

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| Status | Imetnik kvalificiranega digitalnega potrdila je zastopnik poslovnega subjekta! |
DCR – How does it work?

Web Service (wsEDP)

- Enables QDC verification in companies‘ and PA own applications
- wsEDP sends electronically signed reply in XML format
DCR – How does it work?

Main applicability

• Enables efficient eVEM (one-stop shop for business) procedures.
• eVEM offers 29 e-procedures – uses DCR for user verification.
• Enables representatives access to public services without administrative burdens.
Digital Certificates (of legal representatives) Record

Facts and figures (per 31.3.2017)

• Data on 355,399 QDC
• »Digital representation« of 146,504 legal persons (~71 %)

![Graphs showing QDC data and No. of queries from 2012 to 2016]
Digital Certificates (of legal representatives) Record

Opportunities

• Inclusion as Attribute Provider in the EU eID ecosystem
  
  The eID ecosystem

  ![Diagram of eID ecosystem components]

  - **Node Operator**: Entity responsible for ensuring that the eID node performs correctly and reliably its functions as a connection point.
  - **Attribute Provider**: Entity responsible for providing information about electronic identities (e.g., sector-specific information beyond the minimum dataset for natural and legal persons).
  - **Identity Provider**: Entity responsible for verifying that a user is who they claim to be and asserting verified data that identifies them to the relying party.
  - **Service Provider**: Entity offering online services that rely on eID for cross-border authentication.

• Applicability in private sector - increasing the prevalence of e-commerce
Thank you for your attention!

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