Norwegian initiatives and strategies

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Norway SIG
Norway

- 4,600,000 citizens
- Everyone has an unique id
  - Citizens & businesses (legal persons)
- 17 departments with innumerable public enterprises placed under each department.
- 431 municipalities
- 19 counties.

- Each of these levels produce services to the citizen, more or less directly.
Numbers 2006 BRC

- Hosts 17 national registers + Altinn (Business portal), + security solutions, metadata, etc
- Handles approx. 2 000 000 "cases"
- Ca 50 000 000 db hits
- Ca 575 000 phonecalls
- Ca 1 350 000 entities/businesses
- Revenue: ca € 100 M
- Ca 470 employees
- 10 M webservice calls
Conditions for horizontal coordination within e-Government

- Standards for metadata (semantic interoperability)
- Adjustment/coordination of laws and legal framework
- Understanding the importance of coordination
- Will to coordinate
- Political foundation
Aiming to 2010 +

• Deploying National ID with eID
  – Managed by Ministry of Justice
• Establish a CA-service for issuance of certificates to all legal persons registered in Norway
• Government eID interoperability hub to be established for common use by all government agencies
• Coexistence with private eID suppliers?
• Follow thorough PanEU initiativ
Basic requirements/drivers

- **Basic requirements**
  - One single access point to all public services
  - High and trusted security, using common PKI infrastructure
  - All citizens of Norway, teenagers and grandmothers...
  - Supports the most common browser and platforms
  - Supports people with sight disabilities
  - Support of 4 languages, Bokmål, Nynorsk, Sami, English
  - High availability

- **Drivers**
  - All citizens in Norway have a unique identity number
  - Public services use the identity number for identifying citizens
  - Easy to add more services
  - Expect hundreds of thousand initial users
Common architecture
Service Oriented Architecture
Services in different channels

- Types:
  - Register
  - Transaction
  - Messaging
  - Calendar
  - Notification
  - ....

Common infrastructure services

Local portal

Local business processing
MyPage
Federating "Circle of Trust"

- SSO
- SAML 2.0
- SLO
- ..
Vision for implementation

- **eID Nivå 3**: Spesifisering og utvikling → Introduksjon og utbredelse
- **eID Nivå 4**: Spesifisering og utvikling → Introduksjon, utrulling og konsolidering
- **Virksomhets eID**: Etablering → Introduksjon, initiell utbredelse og videreutvikling
- **Samtrafikknv**: Etablering → Introduksjon, initiell utbredelse og videreutvikling
- **Sikkerhetsløsninger for hver etat og korrune**: Migrering og utfrasing
Challenges

• Strong authentication
  – Anyone can issue an eID, but who can we trust?
• Payment
  – eProcurement
  – General transactions
• Gaining acceptance by users:
  – Existence of applications
  – Easy to acquire and use
• Going international – i.e cross boarder issues
• Budgets
Brønnøysundregistrene