Being a service provider to Mypage.norway.no

By

Dag Efjestad
• **Vision:**
  On the road to a better society

• **The objective:**
  To develop and maintain a safe, eco-friendly and efficient transport system.
Statens vegvesen
Norwegian public roads administration

What we do?

• Planning, construction and operation of the national and county road networks

• Vehicle inspection and requirements

• Driver training and licensing
Statens vegvesen
Norwegian public roads administration

- Organized under the Ministry of Transport and Communications.

- Approximate 5000 employees
Why e-services

- Earn money
- Moore equal treatment
- Required -
  - Government, parliament
  - Citizens
  - Organizations
Government directions

eNorway 2009 – the digital leap

eNorway 2009

Industry

Altinn.no

Other Portals

Citizen

MyPage

Public security portal

Services from public sector
eNorway 2009

Industry

Altinn.no

vegvesen.no

Citizen

MyPage

Public security portal

Services from Statens vegvesen
Interactions with the citizen

- Main areas for e-services against the citizen:
  - Vehicles
  - Driver licenses and driver cards
  - Traffic and road information
  - Permits (road, transport, etc)
  - New roads
  - Traffic safety
Types of e-services

- Information requests – I want to know ...
- Transactions – I want to do...
- Messages/information – We want to inform you...
- Helpdesk/Chat – I want to talk to...
Type of service interfaces for Mypage

• Web service
  – retrieve information
• Message service (email)
  – send or push messages
• Web based service – Url link to a service with single sign on.
  – Do something at our web site
Impact on IT-infrastructure

- 24*7 all year
- Response time
- Surveillance
- Support
- SLA and other contracts
- New architecture elements
- Impact on internal standards
- SOA
- Sourcing
Web service – retrieve information

Requirements:

- All information about a citizen should be available on the Internet.
- All lookups happen with the citizen's personal identification number.
- Common “SLA”
- Standardized interface/contract:
  - WS-I Basic profile
  - WS-I basic security profile
  - Standardized messages for request and faults
  - NDR for Web services
  - Common information model.
- Develop XSL for presentation in mypage
Messages

- Push information to the citizen
  - Replacement for snail mail
  - Interfaces:
    - SMTP with TLS
    - LDAPS for user lookup
  - Messages in text or XML
  - Attachments in PDF
- Don’t support messages that are not structured – email.
Web based service/transaction service

- Protected by SAMLv2 and HTTPS
- Service that are hosted on our portal
- Must follow Mypage design guidelines
- Common SLA
- Surveillance
- Support of English, SAMI, Bokmål and Nynorsk
- From the SAML assertion we get citizen personal identification number and language.
Architecture

- Sun Access Manager
- Policy Agent: Web Applikasjon
- Policy Agent: ReverseProxy
- Policy Agent: Web Applikasjon
- SP
- SP
- IDP
- MinSide Circle-Of-Trust

Trust
SAMLv2 Scenario
Extras..

- Outsourcing
- Protection of internal web applications
- Use of policies in applications
Webtjenester

Data center

- Oracle AS
- Sun Websrv
- MS IIS
- Apache
- Sun Appsrv
- IBM WebSphere
- Tomcat
Policy agent (PEP)
Webtjenester

Datasenter

Sikkerhets-server

Oracle AS
Apache
Sun Websrv
Sun Appsrv
IBM WebSphere
Tomcat
MS IIS

Statens vegvesen
Norwegian Public Roads Administration
Questions?