



JULKISEN HALLINNON
DIGITAALISTEN PALVELUJEN
KEHITTÄMISYMPÄRISTÖ

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Mikael Vakkari, Ministerial Adviser, The Ministry of Finance / Public Sector ICT
Kirsi Pispala, Project Manager, JulkICT Lab, Centre for Scientific Computing

Public Sector ICT Lab – Project goals

General overview of the Public Sector Service Development Laboratory :

- Public Sector ICT Lab (JulkICT Lab) provides an environment and methodology for fast testing and implementing of public sector service development ideas and supports the formulation of new services from ideas and concepts to a product / service
- JulkICT Lab offers service developers a fast and easy way to try out new ideas with less risk through piloting and provided development tools, in close co-operation with the FORGE-project funded by the Ministry of Transport and Communications
- The JulkICT Lab is free of charge for public sector service developers and promotes the use of Open Source, Open Standards and open architecture in order to guarantee the re-use and distribution of developed solutions
- The JulkICT Lab capitalises on the results of the National Open Data Programme and takes advantage of the open information resources (Open Data) of the Finnish public sector in the service development process









Timetable and funding:

- Development, piloting and implementation 9/2013 – 12/2014.
- Budget max 400,000 € (300,000 € used at 12/2014)

Key goals:

- T1: Requirement specification, piloting and implementation of the Public Sector ICT Lab development platform
- T2: Experimentation and adaptation of new service development methods and active utilisation of Open Source and Open Data in the service development process
- T3: Development and implementation of work processes for the JulkICT Lab through piloting and formalizing a common iterative service development process based on testing, experimentation and controlled risk-taking
- T4: Formulating a co-operation between public sector service developers and fostering a community for the stakeholders
- T5: Linking the operations of the Lab with other ongoing projects and facilitating co-operation between projects

JulkICTLab projektin tulokset tavoitteita vasten

Goal	Result 	Notes
Timetable 09/2013 -12/2014		<ul style="list-style-type: none"> Steering group kick-off 11/2013 Agreemets between VM and Digile for the use of FORGE services for the pilots 1/2014
Budget 400 000 €		<ul style="list-style-type: none"> Implementation completed with 25% budget savings
T1: Development, piloting and implementation of the platfor and environment		<ul style="list-style-type: none"> First pilots began 01/2014. Pilots also tested the FORGE: environment services JulkICTLab käyttöehdot valmiit 3/2014; päivitetty 09/2014
T2: Experimentation and adaptation of new service development methods and the utilisation of Open Data & Open Source		<ul style="list-style-type: none"> JulkICT Lab's methods seen as agile and flexible, compared to the 'traditional' methods of the public administration ICT -projects Devevoped, piloted and implemented a model and processes for Open Source software lifecycle management Insufficient amounts of Open APIs and Open Data available; Lab should make an effort to support the opening of information resources (create pressure and identify key resources)
T3: Development and implementation of work processes for the JulkICT Lab including development of new common service development methods for the public administration		<ul style="list-style-type: none"> Development of common processes still in progress Methods for evaluating the impacts of service pilots not yet implemented Some goals of the project will be fully achieved during the National Architecture for Digital Services programme due to much wider than anticipated objectives which were deemed unrealistic to achieve in one year
T4: Formulating co-operation between dervice developers and creating a community for the stakeholders		<ul style="list-style-type: none"> 7 pilot proposals out of 15 started as Lab projects during 2014 No additional funding or own environment needed for piloting and testing in new projects Joint service development projects have been facilitated with 'fast' starts
T5: Linking the operations with ongoing projects and facilitating co-operation		<ul style="list-style-type: none"> The roles and responsibilities of JulkICTLab and FORGE should be clearly defined More co-operation between projects and different sectors needed

Results of the 2014 pilot projects (more info: www.julkictlab.fi)

- **Geospatial ecosystem development**

- 05/2014 published [Governmental map service](#) – National Land Survey (NLS) of Finland provides a free service for municipalities and government; first users: Riihimäki, Tampere, National Board of Antiquities, Keski-Pohjanmaan liitto, Kainuun jätehuollon kuntayhtymä, Itä-Uudenmaan poliisilaitos, Itä-Suomen käräjäoikeus
- 06/2014 published [Geospatial information service platform](#)– New API services by the NLS
- 09/2014 [Tietojohdamisen map service](#) – a service development experiment in co-operation with NLS, City of Helsinki, THL and Statistics Finland

- **National Service Bus (X-Road) pilot**

- 01/2014 piloting and testing of the National Service Bus components; results available at www.palveluvayla.fi. In co-operation with the Ministry of Finance, Center for Scientific Computing (CSC) and Population Register Centre (VRK)
- 07/2014 Authentication pilot – after the pilot VM nominated a development group to develop the solution in the National Authentication Solution proof-of-concept –project. In co-operation with, CSC, VRK, Valtori, Tax Administration, Ministry of Employment and Economy, KEHA-center, Kela.
- 10/2014 [Education Cloud -pilot \(EduCloud\)](#) is released. The pilot developed a government level model of an ecosystem utilising the National Service Bus which brings together the users, purchasers and developers of educational services. Pilot was funded by the Ministry of Education and Culture with several schools, businesses and education materials producers. The Finnish Centre for Open Systems and Solutions (COSS) is responsible for the building of the consortium.

- **Strong Mobile Authentication in the HAKA Identity Federation**

- 09/2014 solution ready, a model of the centralised service process will be built during the 2014 Autumn – 2015 Spring piloting. The model will reduce the administrative and technical work load of the members of the HAKA-federation during the deployment of the mobile authentication service. In co-operation with CSC, Elisa Oyj and HAKA –federation

Planned development of the JulkICT Lab during 2015

- 15.12.2014 steering group of the JulkICTLab recommended the extension of the project
- 7.1.2015 VM opted to extend the project until 12/2015. The development during 2015 will be funded along with the National Digital Service Architecture (28.70.03 – Kansallisen tietöalan ohjaus ja kehittäminen)
- The 2015 development goals of the JulkICT Lab were formulated based on user feedback and an independent evaluation conducted by the Technical Research Centre of Finland (VTT):
 - Further development of the JulkICT Lab service development methodology and work processes consisting of clear and well defined common model for the Finnish Public Administration
 - Specification, development and adaptation of a common process for generating service concepts from ideas and implementing the concepts into solutions through testing and piloting, including guidelines for bringing the piloted concepts into production and evaluating the impacts of the solutions
 - Development of the PR and visibility of the service and communication between stakeholders
 - Engaging the actors and stakeholders and fostering closer co-operation and dialog between various service development projects and connecting the projects
 - Dissemination and re-use of developed services, components, best practices and methodology
 - Further experimentation with new methods and more efficient utilisation of Open Data in the public sector service development
 - Broaden the scope of operations as the test-bed ecosystem for the National Digital Service Architecture Programme