



# Development roadmap of Suomi.fi-services 2018-2019

1.10.2018



# Suomi.fi-e-Identification 2018

- Levels of assurance (LOA) to support eIDAS Regulation [**ready, published 13.6.2018**].
- eIDAS support (Finnish single point contact for eIDAS-notified tokens), September 2018 [**ready, published 19.9.2018**].
  - Test environment for customer testing [**ready 6.8.2018**].
  - Support for different EU-countries eIDAS-notified tokens [**development**].
- Automatic validation for the metadata of other eIDAS single points of contact (internal use) [**planning**].
- Metadata validator as part of the service management dashboard [**planning**].

- Procurement and deployment of e-ID service proxy services [**planning**]:
  - Common interface for e-ID service providers.
  - Test environment and common test data.
- Identification of non-EU citizens in order to replace KATSO-identification service (**new**) [**planning**]:
  - Planning and procurement.
  - Deployment.
- OpenID-support [**planning**].
- eIDAS support for other Suomi.fi-services (Suomi.fi, Messages and e-Authorizations *Re-prioritized with lower priority. Will be implemented only if resources allow.*)
- Deployment of service management site:
  - Administration tools for e-Identifications [**ready 16.5.2018**].
  - Digital self-service registration of Suomi.fi-e-Identification service for public sector organizations:
    - Usage authorization [**ready 16.5.2018**].



# Suomi.fi-e-Identification 2019

- Procurement and deployment of e-ID proxy services:
  - Technical development (estimated production Q1/2019).
- OpenID-support:
  - Technical development.
  - Deployment (for service providers and Suomi.fi-e-Identification clients).

- Event log for end-users:
  - Citizens can see their own select log events of e-Identification service in Suomi.fi-portal (technical log implementation).  
*Re-prioritized with lower priority. Will be implemented only if resources allow.*
- eIDAS support for Finnish users:
  - Technical development of Finnish proxy service.
  - Requires notification of Finnish e-ID service/ services to eIDAS network.



# Suomi.fi-e-Authorization 2018

- Common interface for checking the existence of B2B authorization [**published 20.3.2018**].
- Tools to support transferring company-e-IDs (KATSO) to e-Authorizations:
  - Tools to handle masses of e-Authorizations in batches [**development**].
  - Back-office tools for converting KATSO-eID's to e-Authorizations automatically [**planning**].
- Support for restricted mandates [**ready**].
- A new base register of authorized signatories of public sector] .To be implemented in the e-Authorizations [**planning**].
- Support for other than Finnish or eIDAS identified users [**planning**].
- New registers for e-Authorization [**published 4.9.2018**]:
  - Ban of business operations (person).
  - State of the company (liquidation and bankruptcy).

- Digital e-Authorizations for non-digital users:
  - Capability for officials in service locations to check the end users' digital authorizations [**ready**].
- Deployment of service management site:
  - Digital self-service registration of Suomi.fi-e-Authorization service for all organizations. [**development**].
- Integrating given or asked e-Authorizations to Suomi.fi-messages [**development**].
- eIDAS support for e-Authorization service *Re-prioritized with lower priority. Will be implemented only if resources allow.*



# Suomi.fi-e-Authorization 2019

- New registers for e-Authorization:
  - The register of societies (planned by Finnish Patent and Registration Office), estimated timetable Q3-Q4/2019.
  - The register of trustees (planned by Magistrates), estimated timetable during 2019.
- Event log for end-users:
  - Citizens can see their own select log events of e-Authorization service in Suomi.fi-portal.  
*Re-prioritized with lower priority. Will be implemented only if resources allow.*
- Digital e-Authorizations for non-digital users:
  - Capability for officials in service locations to create digital authorizations for visiting end-users [**planning, requires change of current legislation**].

- Deployment of service management site:  
*Re-prioritized with lower priority. Will be implemented only if resources allow.*
  - Administration tools for e-Authorization.
  - New wizard-type tools for self-service registration of Suomi.fi-e-Authorization service for all organizations.
- E-Authorizations of multiple persons.  
*The implementation is feasible but requires major effort to complete.*
- Integrating the authorized signatories of companies in other countries to base registers.
  - Offering a query API for other EU countries (EU TOOP project) *Re-prioritized with lower priority. Will be implemented only if resources allow.*



# Suomi.fi-messages 2018

- Suomi.fi-mobile 1.0:
  - Suomi.fi-mobile for Messages (IOS and Android) [**ready, published 14.6**].
  - Support for tablets and push-notifications [**development**].
- Printed mail through Messages for non-digital end-users [**development**].
- Integration to Population Register:
  - Sending new unread messages for deceased recipients by paper post instead [**development**].
- Messaging for authorized users:
  - Digital messages for corporate clients [**development**].
  - Possibility to authorize another person to receive digital messages [**planning**].
- Deployment of service management site:
  - Digital self-service registration of Suomi.fi-messages service for public sector organizations.

- Integration to Population Register:
  - Automatic inclusion of valid postal address in messages if the valid address has not been received from sender [**development**].
- Suomi.fi-mobile 2.0:
  - Digital messages for corporate clients *Re-prioritized with lower priority. Will be implemented only if resources allow.*
- eIDAS support for messages *Re-prioritized with lower priority. Will be implemented only if resources allow.*
- Integration in the Finnish Service Catalogue:
  - Basic information of participating organizations [**development**].



# Suomi.fi-messages 2019

- Notification service (new message types). E.g. calendar-type messages (“Remember to renew your passport by [date]” etc.).  
*Re-prioritized with lower priority. Will be implemented only if resources allow.*
- Digital messages for corporate clients, version 2 (based on Suomi.fi-e-Authorizations) *Re-prioritized with lower priority. Will be implemented only if resources allow.*
- Suomi.fi-mobile 3.0:  
*Re-prioritized with lower priority. Will be implemented only if resources allow.*
  - Notification service.
  - Digital messages for corporate clients, v. 2.
- Deployment of service management site:  
*Re-prioritized with lower priority. Will be implemented only if resources allow.*
  - Administration tools for Messages.

- New interfaces as part of a larger streamlining of the messages architecture [**planning**]:
  - Sending messages (authorities).
  - Asking and granting end-user approval for digital-only messaging.
  - Number of unread messages.
- Integration with other EU member states’ digital messaging solutions  
*Re-prioritized with lower priority. Will be implemented only if resources allow.*
- Integration with Suomi.fi-payments service *Re-prioritized with lower priority. Will be implemented only if resources allow.*



# Suomi.fi-Finnish Service Catalogue 2018

- Deployment of service management site [**published**].
- Possibility to add accessibility information of service locations (accessibility of government and municipalities offices, schools etc.) [**published**].
- Base service descriptions for the autonomous region of the Åland islands [**published**].
- Changes to support the Finnish social welfare and healthcare reform:
  - Unique ID (OID) for health and social services centres [**published**].
  - Tools to handle the mass changes of ownership of information of services and service channels [**published**].
  - Integration of service class information in different base registers [**planning**].
  - New metadata for health and social services centres [**development**].
- Automatic notifications of outdated information [**published**].
- Support for the different Sami languages [**published**].

- New service types for areas as well as services with mobile location (e.g. park, library bus, vaccine service) [**development**].
- Visible change history to end-users [**ready to be published**].
- Advanced search filters [**ready to be published**].
- Adding information about billing addresses [**ready to be published**].
- Common service channels for different organizations [**published**].
- Integration to Suomi.fi-messages:
  - Basic information of participating organizations [**development**].
- Accessibility information of digital services (as required by EU's Accessibility Directive) [**development**].
- Proof-of-concept: quality agent for automatic analysis and correction of natural language as well as other service catalogue content to improve the quality of service information [**ready**].
- Deployment to production:
  - Quality agent for automatic analysis and correction of natural language as well as other service catalogue content to improve the quality of service information [**development**].





# Suomi.fi-Finnish Service Catalogue 2019

- Changes to support the Finnish social welfare and healthcare reform:

- Collecting service-related quality information from different base registers [**planning**].

- Sending content for commenting by other service catalogue user. *Re-prioritized with lower priority. Will be implemented only if resources allow.*

- User-interface development: *Re-prioritized with lower priority. Will be implemented only if resources allow.*
  - Support for tablet use and other special use-cases.
- Interfaces through national data exchange layer (x-road). *Re-prioritized with lower priority. Will be implemented only if resources allow.*
- Support for service locations located in countries other than Finland (requires corresponding development of Suomi.fi-maps). *Re-prioritized with lower priority. Will be implemented only if resources allow.*
- Requirements from EU:s Single Digital Gateway –act (preliminary study) *Re-prioritized with lower priority. Will be implemented only if resources allow.*



# Suomi.fi-national portal 2018

- Developing the regional views in Suomi.fi:
  - Navigation, search, and regional content [**planning**].
  - Support for regions to publish regional content with Suomi.fi content management system (CMS) [**planning**].
- Changes to support the Finnish social welfare and healthcare reform:
  - Special views for services within the reform pilots [**planning**].
  - Functionality for end-users to compare the social welfare and healthcare services, MVP [**planning**].
  - Integration with the Patient Data Repository (Kanta.fi) [**planning**].
  - Preliminary study of quality information related to social welfare and healthcare services. [**planning**].
- Event log for end-users: [**published 15.5.2018**]
  - Citizens can see their own select log events of Suomi.fi-portal and Messages service in Suomi.fi-portal.

- Publishing video-material, and specifically sign-language versions of service guides [**published**].
- Content management system (CMS) integration with service management site [**published**].
- Proof-of-concept: automatic web-content harvester to create base material for new service guides [**development**].
- New features to Suomi.fi content management system [**planning/development**]:
  - Publishing beta-content, new content types, sending content to be commented by other CMS-users, link-validator, picture and file handling etc.
- Suomi.fi-mobile device register for end users. (Users can see their Suomi.fi device installations, and uninstall Suomi.fi-mobile from a lost device.) [**published**].
- New wizard-type service guides *Re-prioritized with lower priority. Will be implemented only if resources allow.*



# Suomi.fi-national portal 2019

## ■ Changes to support the Finnish social welfare and healthcare reform:

- Adding the service quality information (from Finnish Service Catalogue).
- Collecting client feedback.

## ■ eIDAS support for Suomi.fi

- General concept and functionalities for users in other EU-member states, including the use of Messages and E-Authorizations *Re-prioritized with lower priority. Will be implemented only if resources allow.*

- Support of service locations located in countries other than Finland (requires corresponding development of Suomi.fi-maps service). *Re-prioritized with lower priority. Will be implemented only if resources allow.*
- New wizard-type service guides *Re-prioritized with lower priority. Will be implemented only if resources allow.*
- Event log for end-users: *Re-prioritized with lower priority. Will be implemented only if resources allow.*
  - Adding events from e-Identification service, and e-Authentication service for end users.
- Proof-of-concept for end-users' event log: *Re-prioritized with lower priority. Will be implemented only if resources allow.*
  - Access history on end-user's event log from government organizations' base registers ("Who has looked at my data").



# Suomi.fi-national data exchange layer 2018-2019

- 2018
- Transferring the development work:
  - Version 6.17 [**published 9.4.2018**].
  - Minor development and maintenance (Q2/2018) [**ready**].
  - Competence transfer from Population Register Centre to NIIS (Q2/2018) [**ready**].
- Deployment of service management [**development**]:
  - Digital self-service registration of Suomi.fi-national data exchange layer service for all organizations.
  - Usage authorization [**planning**].

- 2018-2019 (NIIS)
  - Technical improvements (proactive work, fault situation, automatic capacity increase).
  - Automating the installation of security server.
  - Automatic updates for the security server.
  - NIIS will be responsible the development roadmap of X-road technology from Q2/2018 onward.



# Suomi.fi-maps 2018-2019

- 2018
- Deployment of service management:
  - Digital self-service registration of Suomi.fi-maps for public sector organizations as well as up-to-date information [**published**].
    - Usage authorization [**published**].
  - Suomi.fi-maps administration tools – single sign-on from the service management site [**planning**].

- 2019
- Alternative maps. *Re-prioritized with lower priority. Will be implemented only if resources allow.*
- Are type of locations. *Re-prioritized with lower priority. Will be implemented only if resources allow.*
- Support of service locations situated in other countries than Finland. *Re-prioritized with lower priority. Will be implemented only if resources allow.*



# Suomi.fi-payments 2018-2019

- 2018
- Deployment of service management:
  - Digital self-service registration of Suomi.fi-payments for public sector organizations [**published**].
    - Usage authorization [**published**].

- 2019



# Suomi.fi-data warehouse (DW) 2018-2019

## ■ 2018

- Finalizing the production environment and production start [**development**].
- Publishing the completed reports directly to service management site [**development**].
- Development of OUT API to export report data to service management site [**development**].
- New service-specific reports as per need *Re-prioritized with lower priority. Will be implemented only if resources allow.*

## ■ 2019

- New service-specific reports on demand *Re-prioritized with lower priority. Will be implemented only if resources allow.*