

DG SANTE

Work Plan 2021

eHealth DSI – ePrescription, Patient Summary and additional use cases

Document Control Information

SETTINGS	INFO
Document Title:	Work Plan 2021
Project Title:	eHealth DSI – ePrescription, Patient Summary and additional use cases
Document Author:	eHDSI Owner
Doc. Version:	0.3
Sensitivity:	eHDSI restricted
Date:	13/10/2020

Document Approver(s) and Reviewer(s):

NOTE: All Approvers are required. Records of each approver must be maintained. All Reviewers in the list are considered required unless explicitly listed as Optional.

NAME/ROLE	ACTION	DATE
eHN	Adopted	12/11/2020
eHMSEG	Endorsed	20/10/2020
eHOMB	Endorsed	14/10/2020
eHDSI Owner	Draft version	06/10/2020

Document history:

Changes to this document are summarized in the following table in reverse chronological order (latest version first).

REVISION	DATE	CREATED BY	SHORT DESCRIPTION OF CHANGES
0.3	14/10/2020	eHOMB	
0.2	13/10/2020	eHMSEG Chairs	
0.1	02/10/2020	eHDSI Owner	Early draft

TABLE OF CONTENTS

1	INTRODUCTION	3
1.1	Background	3
1.2	Purpose of this document	3
2	EHDSI SERVICE OFFERING IN 2020	3
2.1	Management and Governance	3
2.2	Requirements and Specifications	3
2.3	Configuration services	4
2.4	Terminology services	4
2.5	NCPeH Reference implementation	4
2.6	Test and Audit services	5
2.7	Communication and collaboration	5
2.8	Operations Management	5
2.9	Direct support to the National Contact Points for eHealth	5
2.10	Hosting	6

1 INTRODUCTION

1.1 Background

The eHealth Digital Service Infrastructure (eHDSI) enables cross-border eHealth services, currently focusing on safe, secure and high-quality exchange of patient summary and ePrescriptions between European countries. The eHealth DSI started in May 2014 with the request of the eHealth Network for the CEF funding.

Unit DG SANTE B3 as DSI Owner and DG CNECT H3 as co-owner, are responsible for the successful implementation of eHealth DSI. The structure of the eHealth DSI consists of: i) core services (typically handled by European Commission) and generic services (typically handled by Member States – National Contact Points for eHealth). The technical development and implementation of the core services is done by DG SANTE A4 (eHDSI Solution Provider). The activities carried out by DG DIGIT are provided on the basis of the trilateral MoU signed by DG SANTE, DG DIGIT and DG CNECT. The MoU notes the non-implementation of eDelivery AS4 profile in eHDSI and instead establishes a collaboration for the integration of eDelivery (including the eDelivery AS4 profile) in the future European Health Data Space (EHDS).

The implementation of the generic services is under the responsibility of involved Member States. The generic services implementation was supported by grants from CEF WP 2015, 2017, 2019, managed by the Innovation and Networks Executive Agency (INEA). In total, 25 MS signed a grant agreement with INEA. In 2020, already 7 countries are in routine operations. From 2021, the eHDSI implementation will be financed from the new financing programme.

1.2 Purpose of this document

The eHDSI Work Plan and Budget 2021 describes the key actions the Commission (DSI Owner, DSI co-Owner, DSI Solution Provider, and Auditors) will do in 2021 in relation to the core service implementation and support to the National Contact Points for eHealth.

2 EHDSI SERVICE OFFERING IN 2021

2.1 Management and Governance

1. Providing the Secretariat for the eHealth DSI Member States Expert Group (eHMSEG) and the eHealth Operational Management Board (eHOMB)
2. Management of the eHDSI Solution Provider team (DG SANTE A4) responsible for delivering and maintaining the interoperability assets of the eHDSI
3. Management of the Overall Deployment Plan for eHDSI Deploying Countries
4. Management of the Delivery Plan for eHDSI Solution Provider
5. Management of the eHDSI Key Performance Indicators
6. Management of the core services budget
7. Implementation of EU4Health Programme (TBC)
8. Management of the contract for 'the eHealth Digital Service Infrastructure: Organisation and implementation of training activities on the legal framework, deployment, functioning and evolvement'.

2.2 Requirements and Specifications

1. Completion of the design and development of the eHDSI Requirements and Specifications (normative artefacts) for Wave 5 (ROUTINE OPERATIONS in 2022)

2. Evolve the eHDSI Requirements (according to adopted Change Proposals)
3. Finalize the update of eHDSI IHE profiles alignments (update the underlying IHE ITI Framework, currently using 2009/10, while the most recent version is 2018-2019)
4. Follow up on the HealthID project, implementation of the solution if there would be the eHN strategic agreement.
5. Analysis of the deliverables for describing and identifying medicinal products to overcome currently known limitations, delivered by the UNICOM project, with a view of eHDSI future implementation.
6. Support the possible expansion of eHDSI scope (planned/unplanned care; additional use cases, etc.)
7. Start new iteration of design and development of the eHDSI Requirements and Specifications (normative artefacts) for Wave 6 (ROUTINE OPERATIONS in 2023)

2.3 Configuration services

1. Continue the evolution of the eDelivery components for Dynamic Service Location and Capability Lookup, to fit eHDSI requirements (consolidate requirements and design features namely for Country of Treatment (Country B)).

2.4 Terminology services

1. Evolve and release the Master Value set catalogue, namely by solving known limitations and new requirements stemming from change proposals.
2. Evolve and release the eHDSI Clinical Documents Implementation Guides, according to:
 - a. Resolution of known limitations
 - b. New requirements and specifications (change proposals)
 - c. Alignment with Standards (e.g. International Patient Summary)
 - d. Provide an extended set of clinical document samples
3. Evolve and release the Central Terminology Services, namely by:
 - a. Use the eID Building Block (EU login) to authenticate users
 - b. Make possible the direct integration of CTS with National Terminology Services
 - c. Add additional features to the Minimum Viable Product version

2.5 NCPeH Reference implementation

1. Maintenance of the operational ready version of OpenNCP software (for routine operations)
2. Development (evolve according to change proposals and new requirements) and release of OpenNCP software
3. Support the implementation of additional eHDSI use cases, namely: the exchange of unstructured and structured clinical documents of different types.

2.6 Test and Audit services

1. Implementation of the eHDSI Test Framework, by organization of necessary workshops and test sessions for NCPeHs.
2. Update the eHDSI Test Platform (according to the updates in requirements and specifications)
3. Improvement of internal testing of eHDSI Core Services
4. Implementation of eHDSI Audit Framework by executing Initial Audits, action plan assessments and follow ups.
5. Evolve the eHDSI Audit Framework by adding the eHMSEG approved provisions on Operational Audits.
6. Prepare, finance and manage the contract for compliance checks to be provided to MS, in complementarity with Commission Auditors.
7. Improve the eHDSI Readiness Criteria Checklist.

2.7 Communication and collaboration

1. eHDSI Communities orchestration (i.e. Operations, Semantic, Technical)
2. eHDSI web presence update (at CEF DIGITAL)
3. Support Member States in their communication activities on the launch of the new eHealth service(s)
4. Organisation of eHMSEG quarterly meetings and eHOMB monthly meetings (e.g. rooms, agendas, support materials, minutes, and action plans)
5. Liaison with eHealth Network, eHealth Network subgroups and eHAction activities
6. Liaison with CEF Building Block DSI (i.e. eID)

2.8 Operations Management

1. Management and orchestration of Operation related activities
2. eHDSI Central Configuration Service (SMP) operation
3. eHDSI Central Terminology Service operation
4. eHDSI Clinical Documents Template Manager platform operation
5. eHDSI Test Platform operation
6. eHDSI Change Management
7. eHDSI Risk Management services
8. eHDSI Central Service Desk services (support services)
9. Development and provisioning of a new tool for the presentation of the eHDSI KPIs

2.9 Direct support to the National Contact Points for eHealth

1. Direct support to NCPeH running routine operations
2. Provide specialised guidance and support (Consultation Visits) to NCPeHs on their deployment activities.

3. Continue to guide and help Member States in building their National Contact Points and enable additional countries to join the exchange
4. Support and provide initial training NCPeH starting the deployment process
5. Provide legal assistance

2.10 Hosting

1. Host the eHDSI Central Configuration Service
2. Host the eHDSI Central Terminology Service
3. Host the eHDSI Test Platform (complete migration to TESTA accessible environment)
4. Host the eHDSI ART-DECOR
5. Host the eHDSI Collaboration Platform (i.e. Confluence, Jira, Bitbucket, WebEx) for eHDSI Communities (operations, MS Experts, Semantic, Technical/OpenNCP)
6. Host the Commission NCPeH test instance (in TESTA accessible environment)
7. Host the eHDSI KPIs presentation tool