



Project Status Report

Project: eHealth DSI

Project phase: **Executing**
 Reporting period: <08/04/16> to <03/06/16>

<p>OVERALL STATUS: BASELINE</p> <p>Project Owner (PO): Tapani Piha Business Manager (BM): Natalia Zylinska-Puta Solution Provider (SP): Herman Brand Project Manager (PM): Markus Kalliola</p>	<p>PROJECT PROGRESS</p>												
<p>PROJECT INDICATORS</p> <p><u>Meetings 2016:</u></p> <ul style="list-style-type: none"> ➤ OpenNCP meetings: 57 (15 meetings for this reporting period) ➤ eHMSEG: 2 ➤ eHOMB: 3 <p><u>Contributors:</u></p> <ul style="list-style-type: none"> ➤ DG Sante ➤ DG Digit ➤ eSens ➤ Dortmund ➤ JAsEHN 	<p>MILESTONES Q1-Q4 /2016</p> <p><15/03/2016>: <CEF generic services application deadline> <06/04/2016>: <OpenNCP security, performance, SMP, LARMS 3 (release 2.4.0)> <11-15/04/2016>: <Connectathon> <31/05/2016>: <Terminology server task force deadline> <31/05/2016>: <OpenNCP CTS2 release> <06/2016>: <eHealth network meeting> <Q3/2016>: <OpenNCP SMP release> <Q4/2016>: <Testing event in EC></p>												
<p>KEY DOCUMENTS</p> <ul style="list-style-type: none"> ➤ Connectathon final results (IHE) ➤ Technical specification change proposal process ➤ Terminology server analysis FH Dortmund – Executive Summary 	<p>RISKS AND ISSUES</p> <table border="1" data-bbox="778 1048 1369 1290"> <thead> <tr> <th>Description</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>Setting up terminology server</td> <td>Yellow</td> </tr> <tr> <td>Terminology licencing</td> <td>Red</td> </tr> <tr> <td>Terminology management</td> <td>Yellow</td> </tr> <tr> <td>Low MS participation to OpenNCP community</td> <td>Green</td> </tr> <tr> <td>Resources internal team (*)</td> <td>Red</td> </tr> </tbody> </table> <p>(*) A new Project Manager will start in July. 1 developer left the team. The project is looking for 2 developers to achieve the tasks planned for this year.</p>	Description	Status	Setting up terminology server	Yellow	Terminology licencing	Red	Terminology management	Yellow	Low MS participation to OpenNCP community	Green	Resources internal team (*)	Red
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Setting up terminology server	Yellow												
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ACTIVITIES PERFORMED

OpenNCP:

- **Bi-weekly meetings**
 - Purpose of the meeting: Inform the whole Community about the overall status of the project: OpenNCP releases, task forces statuses, information and decisions cascaded by other meetings (HOMB, eHMSEG...)
 - 3 meetings on 18/04; 02/05; 23/05
 - Number of members: 64
 - Chaired by DG SANTE
 - Average attendance: 8 participants, 4 EC, 4 Community
 - 7 MS are currently participating (new MS joining: FR): PT, AU, CH, LU, GR, IT, FR Average attendance decreased due to holiday period and other absences. LU provided 1 additional resource 2days/week..



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➤ Technical committee meetings

- Purpose of the meeting: Schedule releases, prioritization of issues, advise and reach agreement on technical solution implementation.
- 2 meetings on 26/04; 19/05
- Number of members: 9
- Chaired by DG SANTE
- Main achievements:
 - Agreement reached on the implementation of the cache mechanism improving performance and easing implementation of the new configuration services (SMP/SML), discussion on the renewal of certificates and other technical topics.
 - Minor release 2.4.1 (24/05) which integrates the correction of some issues identified during the Connectathon (audit manager). This release has been tested and validated during the Connectathon. Security and load tests will be executed on this version.
- Next step: Schedule release 2.4.2 integrating the new issues from the Connectathon and e-SENS non-repudiation.


➤ Steering Committee

- Purpose of the meeting: This is the instance where issues are escalated and where major decisions are made (OpenNCP implementation, way of working of the Community...).
- 2 meetings on 18/05; 30/06
- Number of members: 3
- Chaired by DG SANTE
- Main achievements:
 - Brainstormed on the OpenNCP Community way of working (in the context of CEF and larger MS involvement). Conclusion reached: Narrow down the number of tasks of the Community to concentrate on providing to countries the best reference implementation for eHealth cross border specifications.
 - Initiated the discussion with regards to the scope and organization of support to MS during CEF. Also raised the question of Licinio's replacement (OpenNCP Steerco, JASeHN ...)
- Next step: Propose an approach for support to the MS for endorsement by eHOMB.

➤ Retrospective on Connectathon (Bochum 11 – 15/04)

- Participants: 4 countries + DG SANTE: PT, AU, CY, DK + EC; 12 testers + 3 monitors.
- All use cases have been successfully tested (with release version 4.2) from both perspectives (country A and B), which included SMP, eID level 3 and non-repudiation.
- 93 tests executed: 82 verified (3 failed, 1 running, 7 aborted)




➤ Task force meetings

- Terminology server task force started on 20/01/2016.
 - Objective: Implement the integration of FH Dortmund terminology server (FHDTs) into the OpenNCP architecture in compliance with CTS2 standards, import code systems and value-sets (MVC), highlight changes that have to be done on FHDTs to ensure the full and secure integration in all aspects (languages, functionalities, web services, user interface, data).
 - Progress: 
 - 3 meetings: 26/04; 17/05; 31/05
 - Number of members: 10
 - Chaired by DG SANTE
 - Main achievements: Gap analysis data model, development of CTS2 compliant synchronization services, import of code systems and MVC 1.8; and initiated user testing.
 - Next steps: Synchronization FH with OpenNCP and end to end testing.
 - **Issue:** The developer in charge of the taskforce left and need to be replaced.

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- SMP/SML task force started on 22/01/2016
 - Objective: Implement the current configuration services by the SMP/SML CEF building block.
 - Progress: 
 - 2 meetings: 29/04, 30/05
 - Number of members: 7
 - Chaired by Adrien Ferial from DIGIT
 - Main achievements: SMP tested during Connectathon. Update change requests with OASIS: The tests performed validated the viability of the use of multiple signatures over the SMP record, in order to keep the epSOS trust model. OpenNCP can therefore use this code for the implementation of SMP/SML. Developments on cache mechanism and update of configuration manager ongoing (5 days) on OpenNCP side. Delay from DIGIT to deliver environments.
 - Next steps: Test integration of SMP with DIGIT environment (coexistence SMP/TSL)
- Security task force started on 12/01/2016
 - Objective: The Security task force is the group in charge of fixing known security issues in order to improve the scalability of OpenNCP components. The new mission of the security task force is to execute component per component testing to fix the potential resulting issues.
 - Progress: 
 - Meetings: 0
 - Number of members: 7
 - Chaired by DG SANTE
 - Main achievements: Testing approach analysis and set-up of infrastructure ongoing.
 - Next steps: Start testing once release 4.2.1 is installed.
- Release management task force started on 14/01/2016
 - Objective: Establish a governance model for managing releases, managing code branches, managing dependencies (CEF Building Blocks) and managing commits in the framework of the new project governance model OpenNCP/SANTE.
 - Progress: 
 - 1 meeting: 17/05
 - Number of members: 6
 - Chaired by DG SANTE
 - Main achievements: Proposed an improvement of the release process, reducing risks of errors, facilitating the release and reducing time to release. Improvement consisting of reducing the number of source repositories (from 25 to 1), managed by a master configuration file which is responsible for building all components and which controls the versioning.
 - Next steps: Deployment of the master configuration file (module and sub-modules), 5 days.
- eID task force
 - Objective: The integration of eID (from e-SENS) into OpenNCP is executed as part of the eSENS WP 5.2.
 - 2 meeting: 3/05, 24/05
 - Number of members: 9
 - Chaired by e-SENS
 - Main achievements: Discussions regarding eID vision, eSENS/JASeHN eID focus meeting eHealth.
- Migration of Continuous Integration tools to CEF Digital
 - Objective: Migration of the current OpenNCP infrastructure, wiki and source code repositories, to the new public EC DG SANTE / CEF eHealth DSI infrastructure.
 - Main achievements: DG SANTE provided information, exports of current tools to DIGIT. Issues with regards to the import of JIRA and other issues highlighted during user testing. Activity on hold following last feedback received from DIGIT.
 - Next step: Understand what is blocking in the process and align with DIGIT on next steps.



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PROJECT TIMELINE

Nr	Project activities	Responsible	Date		Timeline																																																				
			From	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	Project management		17/09/2015	31/12/2016	[Gantt bar]																																																				
2	CEF Call for proposal		17/11/2015	31/12/2018	[Gantt bar]																																																				
2.1	CEF governance		23/11/2015	31/12/2018	[Gantt bar]																																																				
2.2	CEF call for proposal		17/11/2015	15/03/2016	[Gantt bar]																																																				
2.3	Deadline for submissions		15/03/2016	15/03/2016	[Gantt bar]																																																				
2.2	Evaluation of proposals		15/03/2016	1/06/2016	[Gantt bar]																																																				
2.4	Adoption of selection decision		1/06/2016	30/06/2016	[Gantt bar]																																																				
2.5	Preparation and signature of individual grant agreements		30/06/2016	31/12/2016	[Gantt bar]																																																				
3	Migration CI tools CEF Digital platform		8/02/2016	30/04/2016	[Gantt bar]																																																				
3.1	Export data, analyse config etc.		8/02/2016	29/02/2016	[Gantt bar]																																																				
3.2	DIGIT CEF in Acceptance		31/03/2016	31/03/2016	[Gantt bar]																																																				
3.3	Import data and config		31/03/2016	15/04/2016	[Gantt bar]																																																				
3.4	Test data & config		31/03/2016	30/04/2016	[Gantt bar]																																																				
3.5	Release CEF CI tools in prod		?	?	[Gantt bar]																																																				
4	New developments		2/11/2015	15/04/2016	[Gantt bar]																																																				
4.1	CDA viewer		1/01/2016	1/03/2016	[Gantt bar]																																																				
4.2	Development, improvement		2/11/2015	31/03/2016	[Gantt bar]																																																				
4.3	Install release 2.4.0		7/04/2016	7/04/2016	[Gantt bar]																																																				
4.4	Validate release 2.4.0		11/04/2016	15/04/2016	[Gantt bar]																																																				
4.5	CAT Bochum April 2016		11/04/2016	15/04/2016	[Gantt bar]																																																				
4.6	Feedback CAT release		11/04/2016	15/04/2016	[Gantt bar]																																																				
5	Task force Security		1/01/2016	30/06/2016	[Gantt bar]																																																				
5.1	Fix security issues		1/01/2016	31/03/2016	[Gantt bar]																																																				
5.2	Components per components testing		18/04/2016	30/06/2016	[Gantt bar]																																																				
5.3	Release security		30/06/2016	30/06/2016	[Gantt bar]																																																				
6	Task force - Terminology server		1/01/2016	15/06/2016	[Gantt bar]																																																				
6.1	Technical analysis		1/01/2016	15/06/2016	[Gantt bar]																																																				
6.2	Import code systems		11/04/2016	30/04/2016	[Gantt bar]																																																				
6.3	Import MVC		11/04/2016	30/04/2016	[Gantt bar]																																																				
6.4	Mapping		30/04/2016	27/05/2016	[Gantt bar]																																																				
6.5	Translation MTC		30/04/2016	27/05/2016	[Gantt bar]																																																				
6.6	FHDTS adaptations dev, test, acc		8/02/2016	15/06/2016	[Gantt bar]																																																				
6.9	FHDTS adaptations release		15/06/2016	15/06/2016	[Gantt bar]																																																				
6.10	OpenNCP FHDTS integration CTS2 compliant		1/04/2016	15/06/2016	[Gantt bar]																																																				
6.11	Go/No Go decision		15/06/2016	15/06/2016	[Gantt bar]																																																				
7	Integration DIGIT building blocks SMP/SML		1/03/2016	1/09/2016	[Gantt bar]																																																				
7.1	SMP/SML DIGIT acc		15/04/2016	1/09/2016	[Gantt bar]																																																				
7.2	SMP/SML DIGIT release		1/09/2016	1/09/2016	[Gantt bar]																																																				
7.3	Integration SMP/SML OpenNCP - first phase		1/03/2016	8/04/2016	[Gantt bar]																																																				
7.4	Integration SMP/SML OpenNCP 2nd phase (centralized SMI)		18/04/2016	30/06/2016	[Gantt bar]																																																				
7.5	Integration SMP/SML OpenNCP 3rd phase (decentralized SMI)		30/06/2016	1/09/2016	[Gantt bar]																																																				
8	Integration DIGIT building blocks eID		0/01/1900	0/01/1900	[Gantt bar]																																																				
8.1	DIGIT analysis				[Gantt bar]																																																				
8.2	DIGIT dev, test, acc				[Gantt bar]																																																				
8.3	OpenNCP integration				[Gantt bar]																																																				
8.4	OpenNCP release				[Gantt bar]																																																				
9	Integration DIGIT building blocks sTestaNG		0/01/1900	0/01/1900	[Gantt bar]																																																				
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9.4	OpenNCP release				[Gantt bar]																																																				
10	Integration DIGIT building blocks eSignature		0/01/1900	0/01/1900	[Gantt bar]																																																				
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10.2	DIGIT dev, test, acc				[Gantt bar]																																																				
10.3	OpenNCP integration				[Gantt bar]																																																				
10.4	OpenNCP release				[Gantt bar]																																																				
11	Operations		0/01/1900	0/01/1900	[Gantt bar]																																																				
11.1	Activity 1		?	?	[Gantt bar]																																																				