

NAPCORE MDD Session briefing note, structure and summary

1 Briefing note

SESSION FULL TITLE	NAP Reference Architecture for harmonization of European NAPs
SESSION ORGANIZER	Petr Bures Benjamin Witsch
SESSION DESCRIPTION	During the session we will explain the methodology of the NAP Reference Architecture (NRA) creation and main goals. Further we present the achievements in two topics, the NRA itself and in the so-called interoperability documents, covered by the milestone M2.9. In the NRA progress we will cover development of views (functional, physical ...) and of the Architecture concept based on the FRAME approach. In the interoperability documents and activities, we will focus on introducing the topic, its methodology, how such documents are conceived and who is their author. Finally, we conclude with presentation of 2 specific interoperability activities / documents, the NAP typology and Overview of standards on NAP interfaces (milestone M2.7)
SESSION FORMAT	Presentation + Q&A session
SESSION SPEAKERS (IF ANY)	NAP Reference Architecture: Petr Bures (PB) & Benjamin Witsch (BW) Interoperability activity and documents: Andre Rehberg (PT)
SPECIAL REQUIREMENTS FOR THE SESSION	Beamer / projector for presentation

2 Session summary

The ITS Architecture was presented as a collaborative effort of whole NAPCORE. The Architecture specifies how the NAP is structured from functional, physical, and organizational view, what are its motivations and identifies interfaces.

There are alignment, interoperability and harmonization needs for interfaces and for the whole NAP set up. We identify those needs and try to define them as separate documents, i.e., interoperability documents. Those are however being created outside the NAP architecture working group since they are inherently developed by other NAPCORE WGs.

In the Questions and Answers we discussed, how different parts of the architecture will be used and vision towards data exchange between NAPs and a single European NAP.

Interestingly, the audience focuses on the tasks further away while leaving current project tasks e.g. NAP alignment and interoperability as already resolved. The session organisers had to remind the audience that we have not reached that goal yet, so we need first to reach a common ground before we venture into the unknown.

3 Detailed presentation notes

3.1 Introduction and working methodology.

3.1.1 # introduction; presenter: Benjamin Witsch

- Introduction of the task WG2.3 (the regular one what we do what is our focus)
 - What are our goals (mission and vision) => creating a common architecture
- NAP and NAPCORE status Quo
 - Different implementations different conceptions and different understanding
- What is a common architecture?
 - Vision of NRA (interoperable NAPs)
 - Expectation of the MS
- How are we addressing those issues?
 - By alignment between tasks and deliverables
 - By creating the Architecture

3.1.2 # alignment methodology; presenter: Benjamin Witsch

- How we cooperate within task WG2 and with other tasks
- Why we do it (transfer information back and forth, plan together deliverables, harmonise terminology, NAP types)
- How we take in information from other WGs and consider them
 - alignment workshop (what we did there) and set up of alignment meetings.
- What is the outcome?
 - Methodology of processing user feedback, requirements, LoS from KPI and FRAME
- interoperability documents and materials APPROACH/IDEA
 - what we see as critical to achieve interoperability,

3.1.3 # NRA methodology; presenter: Benjamin Witsch

- Methodology of processing user feedback, requirements, LoS from KPI and FRAME Architecture into new NAP reference architecture
 - concept board architecture development
 - transfer of the KPI into the NAP functionality and feedback creation for KPI
- How we created the NRA – the approach and methodology based on FRAME
- Tools we use for the development and commenting.
- Goals we focus on with regards the NAP interoperability
 - NAP reference Architecture (for two NAP types: with data / without data)
 - interoperability documents and materials APPROACH/IDEA

3.2 What has been achieved so far?

3.2.1 # NRA views and outlook; presenter: Petr Bureš

- What we did in the NRA
 - We have transferred identified functionality into views and
 - We are now in process of revision of the diagrams.
 - We follow the FRAME approach.
- What is the FRAME architecture and how it is structured?
 - How it is represented (frame picture with views)
 - User needs and requirements view

- Functional view: description, each block with description of the function
- Physical view: description, each block BUT mainly the interfaces and specification
- Communications View
- Organization View
- outlook where are we and what we will do next

3.2.2 # interoperability documents introduction; presenter: Petr Bureš

- Concept of interoperability documents (based on workshops)
 - HOW these documents shall be used! (by whom, when)
 - Specification documents
 - guidelines concept (what, why, by whom and when)
- Interoperability examples
 - terminology (among the groups) and NAP typology

3.2.3 # interoperability documents: NAP Typology; presenter: Petr Bureš

- NAP typology
 - Introduction to the problem
 - Methodology of the problem resolution
 - Reached outcome

3.2.4 # interoperability documents: Standards (M2.7); presenter: Andre Rehberg

- Interfaces / specification standardization
- Presentation of a Milestone 2.7 – An updated list of requirements concerning (the use of) data standards, reference profiles and metadata

3.2.5 Conclusion and discussion