



22ND eHEALTH NETWORK MEETING 7 NOVEMBER 2022, BRUSSELS, BELGIUM

COVER NOTE

2.3 MyHealth@EU Preparation of an Action Plan for the implementation of New Use Cases

1. Issue at stake

Following the work of the X-eHealth project, several Change Proposals have been submitted according to the MyHealth@EU governance model, to implement new use cases for MyHealth@EU:

- Laboratory Result Report
- Medical Image Report
- Hospital Discharge Report
- Integrate x-eHealth Rare Disease Scenario

The change proposals suggest full implementation of these new use cases at the level of the MyHealth@EU infrastructure by Wave 7 (entering operation in Autumn 2024). Strategic guidance regarding the implementation of these use cases is requested from the eHealth Network, taking into account the following considerations:

Alignment with eHealth Network guidelines

There are no existing eHealth Network guidelines for Medical Image Reports (and medical images) or for Hospital Discharge Reports. The preparation of the guidelines is being launched.

eHealth Network guidelines exist for Laboratory Result Reports. While the overall use case for laboratory result reports presented in the guidelines and the Change Proposal is the same, the Change Proposal omits the possibility of requesting a Laboratory result summary, which may lead to a decreased usability of the service.

The Rare disease scenario suggests adding a few data fields in the Patient Summary document. Considering that the suggested fields are currently not part of the eHealth Network's Patient Summary guidelines, a minor update of the Patient Summary guidelines may be needed before the start of the implementation.

Choice of technology

Considering that the proposed use cases (with the exception of Rare diseases scenario) are new services in MyHealth@EU, there is a possibility to implement them either using the current technology (HL7 CDA) or a new technology (such as HL7 FHIR), depending on the strategic choice. The Change Proposals suggest the use of the current technology (HL7 CDA) in line with the Commission recommendation and its annex on a European

Electronic Health Record Exchange Format. However, this recommendation does stress that the refinement of the exchange format should consider the possibility offered by resource-driven information models such as FHIR. Based on recent discussions in the eHN Technical interoperability and Semantics subgroups, FHIR seems to be the preliminary preference of Member States. As a consequence, the choice of technology should be confirmed by the eHealth Network, as this is a strategic decision.

The following operational considerations are proposed for the attention of the eHealth Network:

1. At least outline versions of eHealth Network guidelines for Medical Image Reports and Hospital Discharge Reports should be prepared before the launch of relevant implementation efforts. To be assigned to a Task Force under the Semantic SG.
2. Regarding Laboratory Result Reports, a decision regarding the implementation of the Laboratory Result Summary should be taken by the eHealth Network before the launch of relevant implementation efforts, as this is one part of the current eHealth Network guidelines. To be assigned to a Task Force under the Semantic SG.
3. The choice of technology (HL7 CDA/FHIR) should be confirmed by the eHealth Network, as this is an important strategic decision. The Technical IOP SG has indicated its readiness to work on a non-paper regarding the technological options. To be assigned to a Task Force under the Technical IOP SG.
4. Regarding the integration of the x-eHealth Rare Disease Scenario, a minor update of the Patient Summary guidelines would be needed before the launch of relevant implementation efforts, in order to ensure alignment with the Patient Summary guidelines. To be assigned to a Task Force under the Semantic SG.

In order to ensure efficient involvement of all relevant eHN and eHMSEG subgroups in the preparation of the relevant guidelines and decisions, it is suggested that dedicated Task Forces are established for each item under the eHN Semantic and Technical IOP SGs. Representatives of other bodies (eHN, eHMSEG, MyHealth@EU Solution Provider) should be invited to join the Task Forces.

2. Summary

The eHealth Network should distribute the work for the preparation of guidelines and strategic decisions regarding the new use cases. Following the adoption of the guidelines and decisions, implementation work could be launched.

Proposed timelines and milestones for this work will be presented during the meeting.

The eHealth Network is asked to confirm the operational considerations listed under point 1 and assign work items to the subgroups accordingly. It may also provide comments regarding timelines and milestones of this work.

3. Format of procedure in the meeting

For discussion

