CEN IPS Final meeting

Face to Face meeting, 19 March 2019

Brussels

Conformity Assessment of IPS implementation

Karima Bourquard, IN-SYSTEM

Director of Interoperability, IHE-Europe

Conformity assessment for IPS

- IPS standard provides an abstract definition of a Patient Summary from which derived models are implementable
- A patient summary implementation shall be an IPS Document, comprising six mandatory IPS Data Blocks

  - Patient Attributes
  - Allergies and Intolerances
  - Medication Summary
  - Problems
  - Provenance
  - Cross Border (conditional)

  – With same purpose

  – Fulfil the conformance rules

Functional status
History of past illness
History of pregnancy
History of procedures
Immunization
Medical devices
Plan of care
Results
Social history

IPS - Various implementations

- Country and/or cross border specific
- Various use cases (various actors including the patient): unscheduled/scheduled care, cross border/national/local, chronic patient,…)
- Various terminologies
- Standard implementation: HL7 CDA, FHIR, others
- …

→ How to assess the conformity of the IPS implementation ?

EURO-CAS key goal

The goal of EURO-CAS is to develop the sustainable Conformity Assessment Scheme for Europe (CASforEU), to promote the adoption and take-up of interoperability testing of eHealth solutions against identified eHealth standards and profiles defined in the Refined eHealth European Interoperability Framework

The EURO-CAS project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No.727028.

Pragmatic approach… and now to work!

- CASforEU defines a governance and organisation and processes for
  - Selecting of the test platform
  - Defining test cases
  - Selecting test methods (test tools and test data) and its extensions
  - Selecting and autorizingISO/IEC 17027 test labs
  - Reporting tests performed by SUTs

- Existing tools that can be adapted for assessing various IPS implementation:
  - Art Decor
  - Gazelle Test management: support test cases and test workflow and management
  - EVS Client and Object checker
  - FHIR tools, Simplifier
  - Proxies, simulators, …

  Ex: Test tools used in eHDSI

- CASforEU provides implementation guideline for various types of stakeholders (country, vendors, test laboratories, implementation entities, national and regional autjorities or projects, etc

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Benefits

Vendors and IT companies

- Reduced effort in interoperability testing
- Investments redirected to innovative product features and usability
- Broadened market opportunities in a European Digital Single Market (and beyond)
- New opportunities for test laboratories

Professionals, patients

- Quality, interoperability, usability of solutions
- Better time-to-market of innovative solutions
- Enhanced patient's engagement and mobility through such innovative solutions
- More resources, directly or indirectly, redirected towards the patient

eHealth Initiatives, governments, policy makers, procurers, payers

- An independent benchmark
- Reduced effort and expenses in specification and testing
- Conformity with regulation

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Questions?

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