

Portugal eHealth summit



Trillium II – What is the future?

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The future ... looking to the past

COMMISSION RECOMMENDATION

6.2.2019

on a European Electronic Health Record
exchange format



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From Unplanned Care to Planned Care

- a) Patient Summary
- b) ePrescription / eDispensation
- c) Laboratory Test Results
- d) Medical Images
- e) Discharge Letter



Pillards for “evolution”

- ✓ eHealth Network Guidelines Release 2: a strategic roadmap
 - ✓ Refined – European Interoperability Framework, adopted by eHN
 - ✓ ‘Integrating the Healthcare Enterprise’ (IHE) profiles listed in the Annex to Commission Decision (EU) 2015/1302
 - ✓ Health Level Seven (HL7) Clinical Document Architecture (CDA) Release 26 Level 3 (structured and coded) and Level 1 (PDF/A)
 - ✓ Consider possibilities offered by resource driven information models (such as Health Level Seven Fast Healthcare Interoperability Resources (HL7 FHIR©)
 - ✓ The use of secure electronic identification and authentication means provided for in Regulation (EU) No 910/2014 of the European Parliament and of the Council¹³ (eIDAS)
 - ✓ The highest possible standards for security and data protection, compliant to the General Data Protection Regulation
- **Adopt the Connective Europe Facility eHealth Digital Service Infrastructure (CEF eHDSI) infrastructure, specifications and procedures**



eHealth Interoperability “layers”

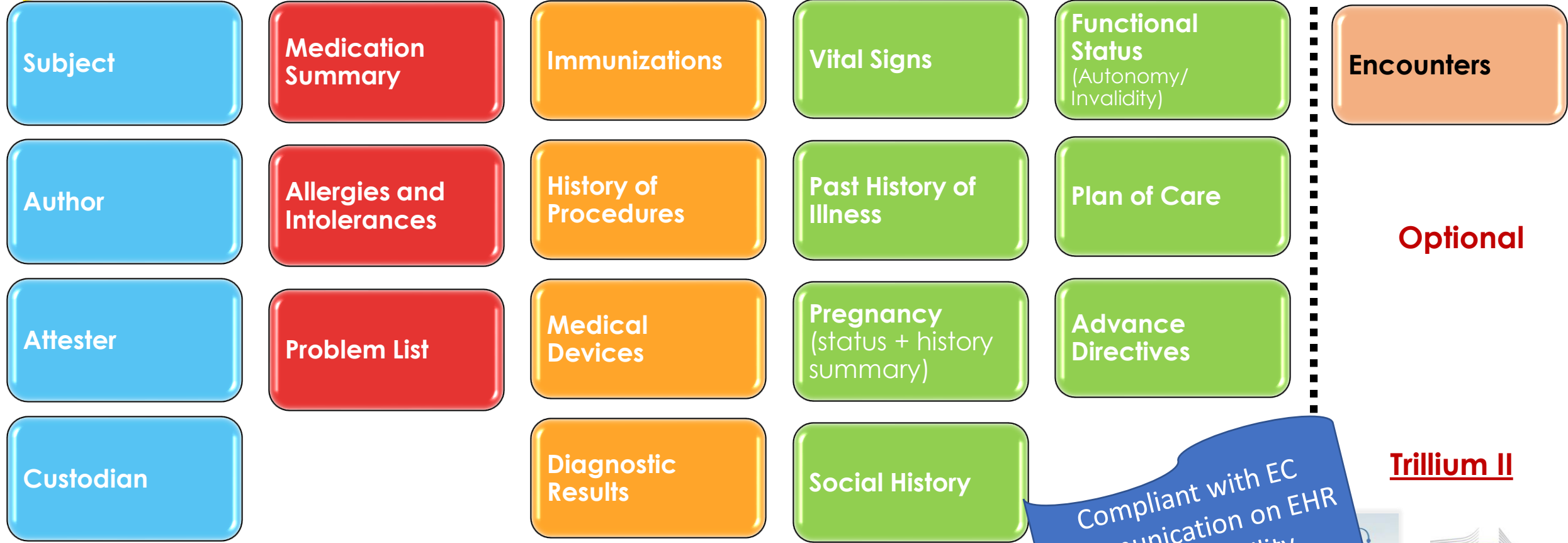
- eHN Guidelines
- CEF eHDSI Requirements Specifications
- CEF eHDI Guidelines & Specifications
- CEF eHDSI CDA Implementation Guide
- National Contact Point for eHealth Reference Implementation (NCPeH)

➤ Evolution

- Gradual adoption of CEN International Patient Summary (CEN IPS)
- Harmonisation process with HL7 CDA IPS Implementation Guide
- Possible new services through HL7 FHIR IPS



Building blocks of the International Patient Summary standards and beyond



„Header“

Required

Recommended
IPS

Optional

Optional

Trillium II



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Elements of a governance framework for IPS from Trillium

- **Initiative** – aim of the patient summary initiative and stakeholders involved in exchange
- **Specification and Standards** – patient summary specification developed or used in the initiative, extent that standards are referenced in the specification or exchange infrastructure
- **Governance Scope and Objectives** – governance in place for the initiative, responsible parties, embedding of patient governance, current & future scope including sustainability
- **Stakeholder Involvement** – stakeholders involved in patient summary exchange; responsible parties for patient summary governance, parties with particular purpose or indirect role;
- **Update and Version Management** – for any specification to remain relevant in health care and health informatics, specification updates and version management need full alignment with the maintenance of the underlying standards.



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Portugal eHealth summit



24th ISTeH
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THANKS

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