



## **Support of epSOS interoperability specifications as European extensions of IHE Profiles and HL7 Implementation Guides**

epSOS is a pan European project to define-develop-deploy an infrastructure for cross-border exchange of Patient Summary and ePrescription. The epSOS team followed a standards based approach to solve the cross-border interoperability and defined specific Interoperability Specifications that address the interoperability for epSOS Uses Cases. These Interoperability Specifications are based and extend existing IHE Integration Profiles or HL7 Implementation Guides. More specific, the epSOS Interoperability specifications are:

- Extensions for epSOS HL7/CDA Pivot Document content specification in order to represent all elements and semantic codes of the epSOS eSummary, ePrescription, and eDispense documents. epSOS CDA based Pivot Documents are based on the HL7 CDA Release2 standard templated by the content modules from the IHE Patient Care Coordination Technical Framework. A number of these IHE templates are identical or derived from the HL7 Continuity of Care Document (CCD) Implementation Guide.
- Extensions to IHE XCPD, XUA, XDR, XDS-SD, ATNA, BPPC Integration and Content Profiles in order to fulfill the needs of the epSOS services and security architecture.
- Extensions to IHE XCA Integration Profile in order to support cross-border / cross-community exchange of documents.

Both IHE and HL7 support mechanisms to publish regional extensions of their global Technical Framework (e.g. IHE National/Regional Extensions, HL7 realm Implementation Guides) so that these facilitate implementation and testing within their geographical scope.

Since the epSOS interoperability specifications reflect European specific needs and will have trial implementations (pilot systems), **IHE-Europe and HL7 International Foundation in Europe would like to propose a joint approach to incorporate these epSOS extensions as European extensions of their existing Profiles/Implementation guides/templates or as basis of new ones.** In this way, the interoperability effort of epSOS will be leveraged on a global scale.

IHE-Europe and the leadership of the HL7 International Foundation in Europe would like to engage in discussions about the opportunity and timing of such above mentioned activities.

Kind regards,

IHE-Europe vendor Co-Chair  
Peter Kuenecke



A handwritten signature in black ink, appearing to read 'JS', is located below the IHE logo.

IHE-Europe user Co-Chair

Jacqueline Surugue

A handwritten signature in black ink, appearing to read 'Robert H Dolin', is located to the right of the IHE logo.

HL7 Foundation in Europe,  
Chairman of the Board, Robert H. Dolin