

**HL7 Electronic Health Record System Functional Model Release 2.0 (EHR-S FM R2)
Project Proposal**

**(Using Project Template Version 2.0)
September 20, 2009**

- 1. Project Name:** EHR-S FM Release 2.0
- 2. Project Proposed**
 - a. Proposing organization:** Health Level Seven (HL7)
 - b. Contact person with contacting information**

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- 3. Project Intent:** Normative – International Standard
- 4. Project Purpose**
 - a. Why this project is needed – justification**

Many ISO member national bodies/HL7 realms have already begun using the HL7 EHR-S FM Release 1.0 for national initiatives in their respective countries. For example, in the US, various profiles from the EHR-S FM have been submitted to the Certification Commission for Healthcare Information Technology (CCHIT), which has used conformance criteria in these profiles as a model for their certification criteria. Other ISO national member bodies/HL7 realms have used the EHR-S FM to help develop functional requirements in areas of care (e.g., diabetes care in the Netherlands), certification (Ireland, Canada), and setting national HIT standards (Brazil, Germany, Japan, Canada), and more. The heavy usage of the EHR-S FM by these ISO member bodies/HL7 realms have caused the FM to be balloted in both ISO and HL7 processes as Release 1.1 (ISO FDIS 10781 expected in Oct/Nov of 2009). These ISO member national bodies/HL7 realms want to increase the functionality of the FM, which requires the enhancement of the model as Release 2.0 (currently underway).

- b. Why this project should be JIC**

The ISO national member bodies/HL7 realms have requested Release 2.0 to be balloted as a JIC initiative. A JIC initiative would make the balloting and reconciliation processes between ISO and HL7 more efficient and lend greater credence of the FM to the customers of the ISO national member bodies/HL7 realms.

c. What is the market need for this standard?

As noted in the response to item 4a, there is already heavy usage of the EHR-S FM among ISO national member bodies/HL7 realms. A joint ISO/HL7 standard balloted as a JIC initiative will lend greater credence of the FM to the customers of the ISO national member bodies/HL7 realms, and thus increase the usage of the FM.

5. Project Scope

- a. What will be covered in this project:** Enhancing the current joint ISO/HL7 EHR-S FM Release 1.1 into Release 2.0
- b. What will not be covered in this project:** Profiles (subsets) derived from the EHR-S FM in various care settings (e.g., long term care, child health, emergency services)

6. Participating SDOs: for each SDO (usually more than one)

- a. Name of SDO:** HL7 (sponsoring SDO)
 - i. Name and ID of project:** Electronic Health Record System Functional Model (EHR-S FM) 10781
 - ii. Date project approved for harmonization effort by the sponsoring SDO:** 22 September 2009
 - iii. Is the SDO already working on this specific project?** Yes
 - iv. Lead within each SDO:** HL7 EHR Work Group
 - v. Approximate number of persons from SDO working on project:** 20
- b. Name of SDO:** ISO
 - i. Name and ID of project:**
 - ii. Date project approved for harmonization effort by the sponsoring SDO:**
 - iii. Is the SDO already working on this specific project?** Yes
 - iv. Lead within each SDO:**
 - v. Approximate number of persons from SDO working on project:**

7. Host SDO: Health Level Seven (HL7)

8. Project Objectives and deliverables (commitment levels)

- a. Time line:** Expected to be balloted November-December, 2009, for reconciliation in January, 2010. Note: Canada wants to use Release 2.0 to update the Canada Health Infoway EHR Blueprint, and has requested this time frame. The HL7 Work Group is operating on these time lines to be responsive to ISO member national bodies/HL7 realms.

b. Where work will be done (primarily) in HOST SDO or combined SDO WG? HL7 EHR WG, with significant input from ISO national member bodies/HL7 realms.

9. Project dependencies

a. Other documents/standards: None, however the EHR-S FM ISO 10781 will reference CEN 13606

b. Other groups, including liaisons: No dependencies; there is/has been terrific involvement from Canada, Australia

c. Volunteer or funded: Volunteer

10. Comments

None from the HL7 EHR WG.

11. Date of JIC approval: October 20, 2009