

# **HL7 EHR Work Group Electronic Health Record-System Functional Model, Release 2.0 May 2012**

## **Reader's Guide**

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## Welcome!

Welcome to HL7's Electronic Health Record Work Group's (EHR WG) 2011 Release 2.0, Electronic Health Record System (EHR-S) Functional Model standard. This brief Reader's Guide will give you a guided tour of the content of the various chapters of the standard and point you to associated background reference materials that will answer most of your questions.

## What is the background of the current release?

The HL7 EHR-S Functional Model, which was approved in July, 2004 as a Draft Standard for Trial Use (DSTU), has undergone a series of enhancements in the past two years, as it became a fully approved American National Standards Institute (ANSI) standard. A broad constituency – including intensive outreach to industry, care providers, and healthcare organizations – has worked to refine the initial EHR-S Functional Model. This version reflects the changes made as part of the reconciliation process on a committee level ballot, and two subsequent membership level ballots. The HL7 EHR-S Functional Model was promoted to an ISO International Standard after passing HL7 consensus ballot as a normative standard and achieving ANSI approval. This promotion follows the process outlined in the ISO/HL7 Pilot Agreement.

Learning important lessons from the ballot process, a Functional Model with a clearer, more simplified list of functions, has been created. The HL7 EHR System Functional Model provides a reference list of functions that may be present in an Electronic Health Record System (EHR-S). The function list is described from a user perspective with the intent to enable consistent expression of system functionality. This EHR-S Model, through the creation of Functional Profiles, enables a standardized description and common understanding of functions sought or available in a given setting (e.g. intensive care, cardiology, office practice in one country or primary care in another country).

## Known Issues:

Whilst every attempt is made during the development of this ballot package to correct all known issues; some have been identified that remain to be resolved or updated due to time limitations. It is the expectation of the EHR workgroup that these will be addressed in the next ballot.

- Chapter 1 Overview: Replace example 1.4.1 CCHIT with ATCBs, see link for details  
<http://healthit.hhs.gov/portal/server.pt?open=512&mode=2&objID=3120>

## What documents are in this package?

The documents in this package comprise Release 2.0 of the EHR-S Functional Model and feature content revisions based on Release 1 of the standard. The package zip file contains the following:

Document Title	File Name
EHR-S Functional Model Read Me	EHR_S_FM_R2_C0_Readme_2011DEC
EHR-S Functional Model Chapter 1: Overview	EHR_S_FM_R2_C1_Overview_2011DEC
EHR-S Functional Model Chapter 2: Conformance	EHR_S_FM_R2_C2_ConformanceClause_2011DEC
EHR-S Functional Model Chapter 3: Functions List	EHR_S_FM_R2_C3_FunctionList_2011DEC
EHR-S Functional Model Chapter 4: Glossary	EHR_S_FM_R2_C4_Glossary_2011DEC

**Other Offerings and Requests from the EHR Work Group:**

- EHR-S Functional Model Chapter 5: How-to-Guide for Developing Functional Profiles. This supporting document and associated tooling is published separately.
- The Personal Health Record-System Functional Model is the consumer-oriented version of the EHR-System Functional Model and is freely available from the EHR WG's web page at <http://www.HL7.org/ehr>
- Registered Functional Profiles of the EHR-System Functional Model and the Personal Health Record-System Functional Model are freely available at: <http://www.nist.gov/profileregistry>
- Education on the EHR-S FM, PHR-S FM, and Conformance Criteria are available through tutorials offered at HL7 Working Group Meetings and HL7 Educational Summits.
- HL7 Ambassadors are available to offer HL7 Ambassador Briefing presentations on a variety of topics, including the EHR-S FM and PHR-S FM. Please contact the HL7 Marketing Council at: [jill.kaufman@gmail.com](mailto:jill.kaufman@gmail.com)
- If you are developing (or intend to develop) Functional Profiles or other work-products related to the EHR-S FM or PHR-S FM, please inform the EHR WG co-chairs so that they may have the opportunity to support and leverage your work. You may contact them at:
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