HITSP Emergency Care Summary Documents Component

HITSP/C28

Submitted to:

Healthcare Information Technology Standards Panel

Submitted by:

Care Delivery Technical Committee

DOCUMENT CHANGE HISTORY

Version Number	Description of Change	Name of Author	Date Published
1.0	Review Copy	Care Delivery Technical Committee	July 20, 2007

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FIGURES AND TABLES

1.0 INTRODUCTION

As an introduction to the HITSP Emergency Care Summary Documents Component, this section provides a high level overview of information sharing scenario enabled by following this specification, provides a document map of the construct relationships for this specification, acknowledges the copyright protections that pertain, and provides links to key reference documents and background material. If you are already familiar with this information, proceed to Section 2.0 Component Definition.

1.1 OVERVIEW

This section describes the contents of this specification and provides a high level definition of this Component and background information about the underlying standards that the Component is based on.
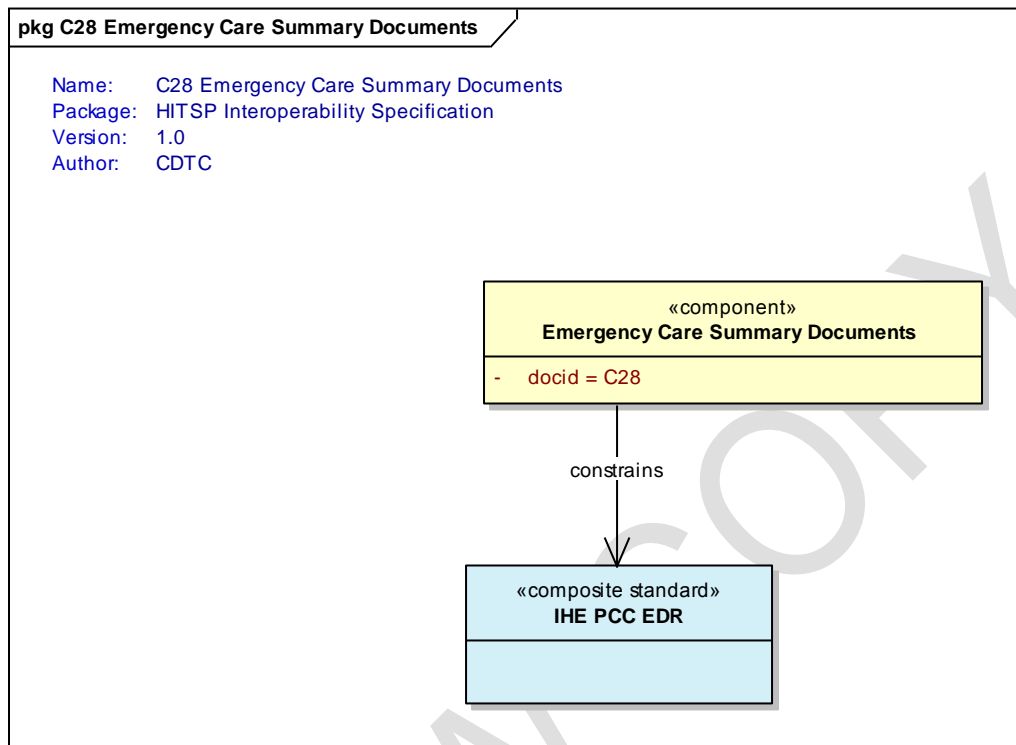
An Emergency Department (ED) summary document is the collection of data from multiple sources (such as physicians, nurses, technologists, etc.) recording the assessments and care delivered by the ED team in response to an ED visit. It is a summary of the patient's current health status and care tendered in the ED between arrival and ED departure. It is not the complete "ED Chart" that may be the legal document of care, but a collection of medical summaries.

1.2 COMPONENT CONSTRUCT ROADMAP

Each HITSP specification is comprised of a suite of constructs that, taken as a whole, provide a detailed map to existing standards and specifications that will satisfy the requirements for the HITSP construct. The specification identifies and constrains standards where necessary, and creates groupings of specific actions and actors to further describe the relevant contexts using Components and standards depicted in the diagram below. The most effective way to review the construct breakdown for any HITSP specification is to begin with the document indicated at the top of the diagram.

Figure 1.2-1 Component Construct Roadmap

pkg C28 Emergency Care Summary Documents

Name: C28 Emergency Care Summary Documents
Package: HITSP Interoperability Specification
Version: 1.0
Author: CDTC

«component»
Emergency Care Summary Documents

-   docid = C28

constrains

«composite standard»
IHE PCC EDR

1.3   COPYRIGHT PERMISSIONS

COPYRIGHT NOTICE

1.4   REFERENCE DOCUMENTS

This section contains links to key reference documents and background material.

The HITSP Interoperability Specification Overview provides the background information about the HITSP and its role in the overall U.S. efforts to realize large scale interoperability of health information. The document also provides a description of the HITSP process for healthcare standards harmonization and explains how to use the Interoperability Specifications and other related documents to inform your health IT product development or product refinement.

The conventions that are used to convey the full descriptions and usage of standards in the HITSP specifications are contained in the HITSP Conventions List.

The acronyms used in this document are contained in the HITSP Acronyms List.

The HITSP Harmonization Framework describes the current framework within which the Interoperability Specifications are built.

This document references the Emergency Responder - Electronic Health Record (ER-EHR) Detailed Use Case, December 20, 2006.

2.0 COMPONENT DEFINITION

A Component defines atomic constructs used to support an information exchange or to meet an infrastructure requirement. This is accomplished by:

(a) Referencing one or more underlying standards
(b) Specifying constraints and other rules for using the standards

2.1 CONTEXT OVERVIEW

This section provides a general description of the Component. It includes a detailed definition of the Component and the reason for its use. It also provides all the necessary background information that further describes the context in which the Component is needed, and the base or composite standard that the Component is based on.

This Component is based upon the output developed by the Integrating the Healthcare Enterprise Patient Care Coordination Committee (IHE PCC). This Component specifies the use of the Emergency Department Encounter Record (EDER), Technical Framework Supplement, Volume I, Revision 2.0, 2006-2007.

As stated in IHE PCC-TF:

The text for the PCC-TF specification begins here:

The ED Encounter Record is a folder in XDS that defines a collection of documents. Separate content profiles must be created for the various kinds of documents that might be generated during an ED encounter. These content profiles include (existing and new):

Triage Note
Nursing Note
ED Physician Note
Pre-hospital Care Report
Diagnostic Imaging Reports
Laboratory Reports
Consultation Reports
Patient Consents for Treatment and Procedures
Transfer Summary
Summary of Death

The text for the PCC-TF specification ends here.

IHE has not defined all of the content profiles in the above list. This Component specifies the support for the Triage Note, Nursing Note and ED Physician Note.

2.1.1   COMPONENT CONSTRAINTS

This section describes the constraints that limit the context in which the Component may be used. A constraint describes a rule that limits the use of the actors, actions or data within the given context, or to which the interactions must conform to be used within the described context. It is a description of the limits and scope of the interactions and can describe actions or events that are not part of the initial definition for the context.

Implementations of this Component shall support the specification defined by the IHE PCC document; Emergency Department Encounter Record (EDER), Technical Framework Supplement, Volume I, Revision 2.0, 2006-2007. No additional constraints are defined in this Component.

2.1.2   DEPENDENCIES

This section describes any specific mapping criteria for the standards underlying the Component. It elaborates on the relationships between different standards used by this Component, and how they map to each other. Additional required mapping criteria not currently enforced by the underlying standards, and any specific elements that are required for this mapping to succeed, are also provided.

Dependencies are defined by the IHE Emergency Department Encounter Record (EDER), Technical Framework Supplement. No additional dependencies are defined in this Component.

2.2   RULES FOR IMPLEMENTING

The following section documents the content of the Component. It provides the basic elements and secondary standards that are supported by this Component and the constraints that are being placed on those standards. Specifically, it describes the subset or constraints that are required for this Component, and the minimum attributes of the Component as it relates to the base or composite standards on which it is based.

2.2.1   DATA MAPPING

This section describes the specific data elements used by this Component. Due to the potentially large number of data elements in a particular standard, only the fields that HITSP is constraining differently from the standard will be described here.

Not Applicable

2.2.2   GUIDELINES AND EXAMPLES

This section provides additional guidelines and examples that support the underlying base or composite standards for this Component. It describes how these specifications differ from the underlying standards, and provides guidelines and examples for implementation.

See IHE PCC Emergency Department Encounter Record (EDER), Technical Framework Supplement, Volume I, Revision 2.0, 2006-2007 for guidelines and examples.

2.3   LIST OF STANDARDS

It is important to understand that the standards selected here are within the context of the specific Use Case requirements and do not necessarily reflect selection in other contexts. The following standards are used to implement this Component specification:

Table 2.3-1 List of Standards

Standard	Description
Integrating the Healthcare Enterprise (IHE) Patient Care Coordination (PCC) - Emergency Department Encounter Record (EDER), Technical Framework Supplement, Volume I, Revision 2.0, 2006-2007.	The IHE Patient Care Coordination Technical Framework (PCC TF) defines specific implementations (called Integration Profiles) of established standards to deal with integration issues that cross providers, patient problems or time. The Emergency Department Encounter Record (EDER) enables the sharing of emergency department summary information between enterprises of a regional health network, and further describes how to map content in a CDA medical document into registry metadata. In the registry, healthcare providers publish pointers to documents stored in distributed repositories. Other healthcare providers may search and retrieve these and other documents. Visit www.ihe.net for more information.
See the above IHE Technical Framework for standards required by its specifications	

3.0 APPENDIX

The following sections include relevant materials referenced throughout this document.

No additional information at this time.

4.0 CHANGE HISTORY

The following sections provide the history of all changes made to this document since the last publication.

No changes at this time, as this is the first published version.