# of times item is Recognized	# of time item is Accepted	# of occurances in all Use Cases	Existing Versions of this component	Full HITSP Document #	Supporting IHE profile if applicable	Supporting Components of the HITSP Interoperability Specifications HITSP Document Description
7	12	25	4	TP 50	RFD	HITSP Retrieve Form for Data Capture Transaction Package
4	12	22	4	TP 13	XDS?XCA	HITSP Manage Sharing of Documents Transaction Package
4	12	22	3	T 17	ATNA	HITSP Secured Communication Channel Transaction
4	12	22	4	TP 22	PIX	HITSP Patient ID Cross-Referencing Transaction Package
4	12	22	4	T 23	PDQ	HITSP Patient Demographics Query Transaction
6	10	22	3	T 40		HITSP Patient Generic Health Plan Eligibility Verification Transaction
4	12	22	4	T 29	NAV	HITSP Notification of Document Availability Transaction
6	11	21	3	C 37	XD*Lab	HITSP Lab Report Document Component
3	11	19	3	C 35		HITSP EHR Lab Result Terminology Component
4	7	15	3	TP 49	XDS-I	HITSP Sharing Radiology Results Transaction Package
4	7	15	3	TP 46		HITSP Medication Formulary and Benefits Information Transaction Package
4	6	13	1	T 81		Retrieval of Medical Knowledge Transaction
3	6	11	2	C 25		HITSP Anonymize Component
2	4	9	1	T 85		Administrative Transport to Health Plan
2	5	9	1	C 72		Immunization Message Component
1	4	8	2	TN 900		HITSP Security and Privacy Technical Note
2	5	8	3	C 26	DSG	HITSP Nonrepudiation of Origin Component
2	3	7	3	C 36		HITSP Lab Result Message Component
1	3	7	1	C 90		Clinical Genomic Decision Support Component
0	2	7	2	C 28	EDES	HITSP Emergency Care Summary Document Using IHE Emergency Department Encounter Summary (EDES) Component
3	4	7	1	C 88		Anonymize Immunizations and Response Management Data Component
2	3	6	1	C 83		CDA Content Modules Component
0	5	6	1	TP 14		HITSP Send Laboratory Result Message to Ordering Clinician and Providers of Care Transaction Package
2	3	5	4	C 48	XDS-MS	HITSP Encounter Document Using IHE Medical Summary (XDS-MS) Component
1	3	5	1	T 68		Patient Health Plan Authorization Request and Response Transaction
0	2	5	2	C 34		HITSP Patient Level Quality Data Message Component
0	2	5	2	C 38	XDS-MS	HITSP Patient Level Quality Data Document Using IHE Medical Summary (XDS-MS) Component
0	1	5	3	T 15	ATNA	HITSP Collect and Communicate Security Audit Trail Transaction
0	3	4	3	TP 20		HITSP Access Control Transaction Package
1	1	4	1	C 62	XDS-SD	Unstructured Document Component
1	3	4	3	T 16	CT	HITSP Consistent Time Transaction
1	2	4	1	TP 89	XDS-I	Sharing Imaging Results Transaction Package
0	3	4	2	TP 30	BPPC	HITSP Manage Consent Directives Transaction Package
0	2	4	1	C 87		Anonymize Public Health Case Reporting Data Component
0	3	4	2	TP 43		HITSP Medication Orders Transaction Package
1	1	3	3	T 33	XDM	HITSP Transfer of Documents on Media Transaction
0	3	3	3	T 18		HITSP View Laboratory Results from a Web Application Transaction
1	2	3	3	T 31	XDR	Document Reliable Interchange
0	0	3	1	T 63		Emergency Message Distribution Element Transaction
0	0	3	3	C 39		HITSP Encounter Message Component
0	1	3	1	T 64	PWP	Identify Communication Recipients Transaction
0	2	3	2	T 42		HITSP Medication Dispensing Status Transaction
1	1	2	2	T 24		HITSP Pseudonymize Transaction
0	2	2	4	C 32	XPHR	HITSP Summary Documents Using HL7 Continuity of Care Document (CCD) Component
0	2	2	2	T 14		HITSP Send Laboratory Result Message Transaction
1	1	2	1	C 80		Clinical Document and Message Terminology Component
0	1	2	1	C 70		Immunization Query and Response
0	2	2	3	C 47		HITSP Resource Utilization Message Component
0	1	2	1	C 78	IC	Immunization Document Component
0	2	2	1	T 79		Pharmacy to Health Plan Authorization Request and Response Transaction
0	2	2	1	C 75		Healthcare Associated Infection (HAI) Report Component
1	0	1	2	C 19	XUA	HITSP Entity Identity Assertion Component
0	1	1	1	T 66	SVS	Retrieve Value Set Transaction
0	1	1	1	C 82		Emergency Common Alerting Protocol Component
0	0	1	3	TP 21	QED	HITSP Query for Existing Data Transaction Package
0	0	1	3	C 41		HITSP Radiology Result Message Component
0	0	1	1	C 84		Consult and History & Physical Note Component
0	0	1	4	C 44		HITSP Secure Web Connection Component
0	0	1	1	T 67	DRR	Clinical Referral Request Transport Transaction
0	0	1	1	C 74		Remote Monitoring Observation Document Component
0	1	1	1	C 76	DSC	Case Report Pre-Populate Component
0	0	0	1	TN 901		Technical Note for Clinical Documents

HITSP

Healthcare Information Technology Standards Panel

13 AHIC Use Cases Harmonized with HITSP Interoperability Specifications

Provider

IS 01 – Electronic Health Record (EHR) Laboratory Results Reporting
IS 04 – Emergency Responder Electronic Health Record (ER-EHR)
IS 08 – Personalized Healthcare
IS 09 – Consultations and Transfers of Care

Population

IS 02 – Biosurveillance
IS 06 – Quality
IS 10 – Immunizations and Response Management
IS 11 – Public Health Case Reporting

Consumer

IS 03 – Consumer Empowerment
IS 05 – Consumer Empowerment and Access to Clinical Information via Media
IS 07 – Medication Management
IS 12 – Patient – Provider Secure Messaging
IS 77 – Remote Monitoring

Interweaving many different standards to address business needs.

A successful collaboration between HITSP and several HITSP member organizations developing base standards and implementation guides/profiles.

AHIC Use Cases Sorted by Provider / Population / Consumer Focus

AHIC Use Case	Use case	IS #	Version
Provider	Electronic Health Record (EHR) Laboratory Results Reporting	IS 01	2.1, 3.0, 3.1
Provider	Emergency Responder Electronic Health Record (ER-EHR)	IS 04	1.1, 1.2, 1.2.2
Provider	Personalized Healthcare	IS 08	0.0.2
Provider	Consultations and Transfers of Care	IS 09	0.0.2
Population	Biosurveillance	IS 02	2.1, 3.0, 3.1
Population	Quality	IS 06	1.0, 1.1
Population	Immunizations and Response Management	IS 10	0.0.2
Population	Public Health Case Reporting	IS 11	0.0.2
Consumer	Consumer Empowerment	IS 03	2.1, 3.0, 3.1, 3.1.2
Consumer	Consumer Empowerment and Access to Clinical Information via Media	IS 05	1.0, 1.1, 1.1.2
Consumer	Medication Management	IS 07	1.0, 1.1
Consumer	Patient – Provider Secure Messaging	IS 12	0.0.2
Consumer	Remote Monitoring	IS 77	0.0.2

Legend of Interoperability Specification Version Status: Recognized by the Secretary of HHS | Accepted by the Secretary of HHS | HITSP Panel Approved

AHIC Use Cases Sorted by Category Designated by Secretary of HHS or HITSP

Category	Use case	IS #	Version
Recognized by Secretary of HHS	Electronic Health Record (EHR) Laboratory Results Reporting	IS 01	2.1
Recognized by Secretary of HHS	Biosurveillance	IS 02	2.1
Recognized by Secretary of HHS	Consumer Empowerment	IS 03	2.1
Recognized by Secretary of HHS	Emergency Responder Electronic Health Record (ER-EHR)	IS 04	1.1
Recognized by Secretary of HHS	Quality	IS 06	1.0
Recognized by Secretary of HHS	Consumer Empowerment	IS 03	3.0
Recognized by Secretary of HHS	Consumer Empowerment and Access to Clinical Information via Media	IS 05	1.0
Accepted by Secretary of HHS	Electronic Health Record (EHR) Laboratory Results Reporting	IS 01	3.1
Accepted by Secretary of HHS	Emergency Responder Electronic Health Record (ER-EHR)	IS 04	1.2
Accepted by Secretary of HHS	Personalized Healthcare	IS 08	0.0.2
Accepted by Secretary of HHS	Consultations and Transfers of Care	IS 09	0.0.2
Accepted by Secretary of HHS	Biosurveillance	IS 02	3.0
Accepted by Secretary of HHS	Biosurveillance	IS 02	3.1
Accepted by Secretary of HHS	Quality	IS 06	1.1
Accepted by Secretary of HHS	Consumer Empowerment	IS 03	3.1
Accepted by Secretary of HHS	Consumer Empowerment and Access to Clinical Information via Media	IS 05	1.1
Accepted by Secretary of HHS	Medication Management	IS 07	1.0
Accepted by Secretary of HHS	Medication Management	IS 07	1.1
Accepted by Secretary of HHS	Remote Monitoring	IS 77	0.0.2
HITSP Panel Approved	Emergency Responder Electronic Health Record (ER-EHR)	IS 04	1.2.2
HITSP Panel Approved	Immunizations and Response Management	IS 10	0.0.2
HITSP Panel Approved	Public Health Case Reporting	IS 11	0.0.2
HITSP Panel Approved	Consumer Empowerment	IS 03	3.1.2
HITSP Panel Approved	Consumer Empowerment and Access to Clinical Information via Media	IS 05	1.1.2
HITSP Panel Approved	Patient – Provider Secure Messaging	IS 12	0.0.2

HITSP Components in this section are Included in CCHIT 2009 Criteria

HITSP Components in this section are under consideration for CCHIT Criteria 2010 to be determined by "Meaninful Use" standards defined by the Secretary in accordance with the American Recovery and Reinvestment Act of 2009

HITSP Components in this section are under consideration for CCHIT Criteria 2011 to be determined by "Meaninful Use" standards defined by the Secretary in accordance with the American Recovery and Reinvestment Act of 2009

Legend of Use Case Categories: Provider | Population | Consumer

HITSP Supporting Components

Supporting Components of the HITSP Interoperability Specifications

Existing Versions of this component	Full HITSP Document #	Supporting IHE profile if applicable	HITSP Document Description
4	TP 13	XDS XCA	HITSP Manage Sharing of Documents Transaction Package
1	TP 14		HITSP Send Laboratory Result Message to Ordering Clinician and Providers of Care Transaction Package
2	T 14		HITSP Send Laboratory Result Message Transaction
3	T 15	ATNA	HITSP Collect and Communicate Security Audit Trail Transaction
3	T 16	CT	HITSP Consistent Time Transaction
3	T 17	ATNA	HITSP Secured Communication Channel Transaction
3	T 18		HITSP View Laboratory Results from a Web Application Transaction
2	C 19	XUA	HITSP Entity Identity Assertion Component
3	TP 20		HITSP Access Control Transaction Package
3	TP 21	QED	HITSP Query for Existing Data Transaction Package
4	TP 22	PIX	HITSP Patient ID Cross-Referencing Transaction Package
4	T 23	PDQ	HITSP Patient Demographics Query Transaction
2	T 24		HITSP Pseudonymize Transaction
2	C 25		HITSP Anonymize Component
3	C 26	DSG	HITSP Nonrepudiation of Origin Component
2	C 28	EDES	(EDES) Component
4	T 29	NAV	HITSP Notification of Document Availability Transaction
2	TP 30	BPPC	HITSP Manage Consent Directives Transaction Package
3	T 31	XDR	Document Reliable Interchange
4	C 32	XPHR	HITSP Summary Documents Using HL7 Continuity of Care Document (CCD) Component
3	T 33	XDM	HITSP Transfer of Documents on Media Transaction
2	C 34		HITSP Patient Level Quality Data Message Component
3	C 35		HITSP EHR Lab Result Terminology Component
3	C 36		HITSP Lab Result Message Component
3	C 37	XD*Lab	HITSP Lab Report Document Component
2	C 38	XDS-MS	HITSP Patient Level Quality Data Document Using IHE Medical Summary (XDS-MS) Component
3	C 39		HITSP Encounter Message Component
3	T 40		HITSP Patient Generic Health Plan Eligibility Verification Transaction
3	C 41		HITSP Radiology Result Message Component
2	T 42		HITSP Medication Dispensing Status Transaction
2	TP 43		HITSP Medication Orders Transaction Package
4	C 44		HITSP Secure Web Connection Component
3	TP 46		HITSP Medication Formulary and Benefits Information Transaction Package
3	C 47		HITSP Resource Utilization Message Component
4	C 48	XDS-MS	HITSP Encounter Document Using IHE Medical Summary (XDS-MS) Component
3	TP 49	XDS-I	HITSP Sharing Radiology Results Transaction Package
4	TP 50	RFD	HITSP Retrieve Form for Data Capture Transaction Package
1	C 62	XDS-SD	Unstructured Document Component
1	T 63		Emergency Message Distribution Element Transaction
1	T 64	PWP	Identify Communication Recipients Transaction
1	T 66	SVS	Retrieve Value Set Transaction
1	T 67	DRR	Clinical Referral Request Transport Transaction
1	T 68		Patient Health Plan Authorization Request and Response Transaction
1	C 70		Immunization Query and Response
1	C 72		Immunization Message Component
1	C 74		Remote Monitoring Observation Document Component
1	C 75		Healthcare Associated Infection (HAI) Report Component
1	C 76	DSC	Case Report Pre-Populate Component
1	C 78	IC	Immunization Document Component
1	T 79		Pharmacy to Health Plan Authorization Request and Response Transaction
1	C 80		Clinical Document and Message Terminology Component
1	T 81		Retrieval of Medical Knowledge Transaction
1	C 82		Emergency Common Alerting Protocol Component
1	C 83		CDA Content Modules Component
1	C 84		Consult and History & Physical Note Component
1	T 85		Administrative Transport to Health Plan
1	C 87		Anonymize Public Health Case Reporting Data Component
1	C 88		Anonymize Immunizations and Response Management Data Component
1	TP 89	XDS-I	Sharing Imaging Results Transaction Package
1	C 90		Clinical Genomic Decision Support Component
2	TN 900		HITSP Security and Privacy Technical Note
1	TN 901		Technical Note for Clinical Documents

graphic by rraiford of HITSP Education, Communication and Outreach Committee, in collaboration with lfourquet of HITSP Population Technical Committee - updated 24 Feb 09