

PSS for Payer Data Exchange (PDex) (Updated)



Warning:

Do not launch ANY of the links while your are in create or edit mode. There is a good chance all of your work will be gone.

Template Usage Information:

- Submit template change requests to PMO@HL7.org
- For Reaffirmations, please refer to the FAQ in [HI7 Project Scope Statement Instructions](#) for a list of which sections and fields should be completed

1. Project Name and ID

Enter the name of the project here: Payer Data Exchange (PDex)							
Project ID:	1489						
Complete this section for all "Direct to Normative" ballot projects and when a project proceeds from "Informative to Normative" or "STU to Normative".							
Forward PSS to the TSC (via tscpm@HL7.org); this triggers American National Standards Institute (ANSI) Project Initiation Notification (PINS) submission.							
TSC Notification: Informative/STU to Normative					Date: 12/18/2018		
- or - Direct to Normative (no STU) (includes reaffirmations)							
Identify ISO, IEC or ISO/IEC standard to be adopted in text box below							
Enter info here if an ISO, IEC, or ISO/IEC Standard is to be adopted as an American National Standard; Enter the designation of the standard(s) to be adopted:							
Includes text from ISO, IEC or ISO/IEC standard: Check here if this standard includes excerpted text from one or more ISO, IEC or ISO/IEC standards, but is not an identical or modified adoption.					Yes	No	
Select the unit of measure used in the standard; if no measurements are in the standard, select N/A				N/A	U.S.	Metric	Both
Investigative Project (aka PSS-Lite)				Date :			
Check this box when the project is investigative or exploratory in nature, which allows limited project scope definition. Sections 1-Project Name, 2-Sponsoring Group(s)/Project Team, 3a-Project Scope, 3b-Project Need, 3e-Project Objectives/Deliverables/Target Dates, 3i-Project Document Repository, 6b-[Realm, if known], and 6d-[applicable Approval Dates] are required for Investigative Project. Investigative Project specific instructions are highlighted in yellow. An investigative project must advance in two WGM cycles, requiring a full scope statement. Otherwise the project will be closed.							

2. Sponsoring Group(s) / Project Team

2.a. Primary Sponsor/Work Group

Primary Sponsor/Work Group (1 (And Only 1) Allowed)	Financial Management
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2.b. Co-sponsor Work Group(s)

Co-sponsor Work Group(s): (Enter co-sponsor approval dates in Section 6.d Project Approval Dates)		Attachments
Indicate the level of involvement that the co-sponsor will have for this project:		
X	Request formal content review prior to ballot	WGMs
X	Request periodic project updates. Specify period	WGMs
	Other Involvement. Specify details here:	

Co-sponsor Work Group(s): (Enter co-sponsor approval dates in Section 6.d Project Approval Dates)		Pharmacy
Indicate the level of involvement that the co-sponsor will have for this project:		
X	Request formal content review prior to ballot	WGMs
X	Request periodic project updates. Specify period	Pharmacy Conference Calls
	Other Involvement. Specify details here:	

2.c. Project Team

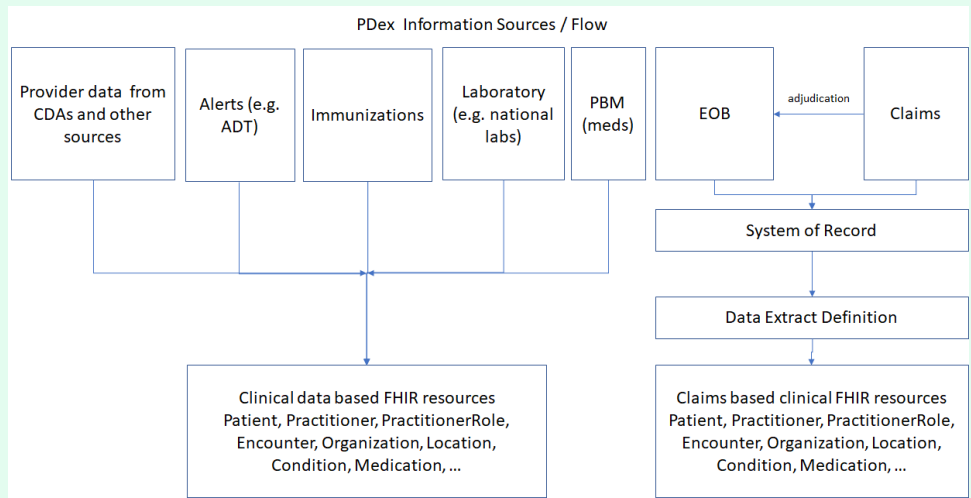
All names should have confirmed their role in the project prior to submission to the TSC.

Project facilitator (1Mandatory)	Mark Scrimshire, Tony Benson
Other interested parties and their roles	Viet Nguyen and Lloyd McKenzie (technical FHIR support)
Multi-disciplinary project team (recommended)	
Modeling facilitator	Lloyd McKenzie
Publishing facilitator	
Vocabulary facilitator	Viet Nguyen
Domain expert rep	Mark Scrimshire, Tony Benson
Business requirement analyst	Robert Dieterle, Mary Kay McDaniel, Linda Michaelson
Conformance facilitator (for IG projects)	Lloyd McKenzie
Other facilitators (SOA, etc)	
Implementers (2Mandatory for STU projects)	
FHIR Project Note: The implementer requirement will be handled by the "balloting" project. Therefore work groups do not fill out the above section. However, feel free to list implementers specific to your work group's resources if you know of any.	
1) Humana	
2) Cerner	

3. Project Definition

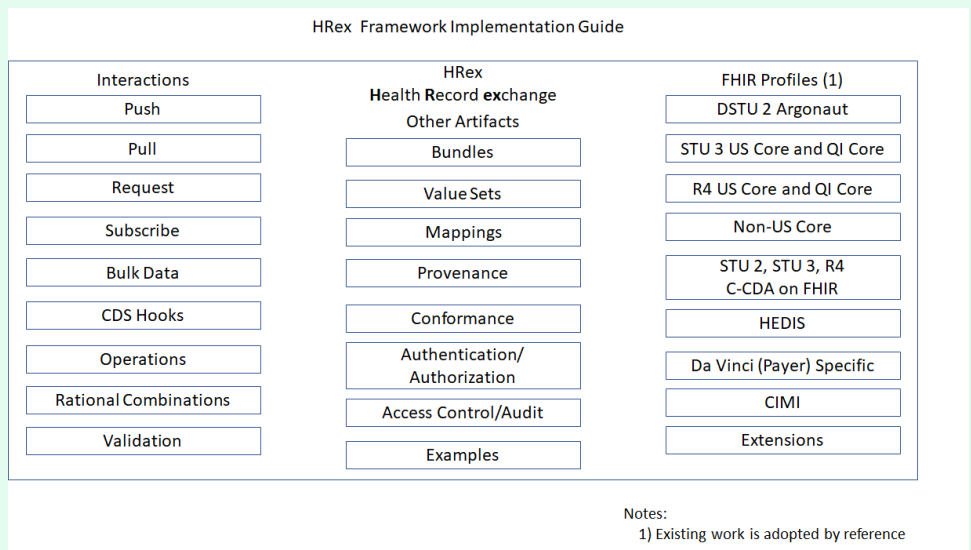
3.a. Project Scope

This project will define exchange methods (push, pull, triggers, subscription), use of other interoperability "standards" (e.g. CDS Hooks and SMART on FHIR) and specific use of FHIR resources to effectively exchange payer information regarding the current or previous care, including the provenance of the data, of one or more specific patients/members with a provider responsible for evaluating/specifying/ordering /delivering care for the patient. The following diagram depicts the scope of the relevant information (it is illustrative and not fully prescriptive).



Initial use cases are focused on a patient seeing a provider (e.g. PCP) for the first time (relevant payer history) , a repeat visit for the same patient with the same provider (what happened since the last visit that occurred outside of my institution / HIE / ...), and a visit of a patient with specialist (+care team information) . Each of these use cases focuses on a subset of the total payer record for the patient that may be appropriate for the specific setting. Specific guidance will be given for query capability and subsequent filtering of results prior to incorporation of the information into the provider' patient record. The project is focused on identifying patterns of exchange (interaction and content) that are appropriate for establishing implementation guidance to ensure standardization in the request and response across providers and payers.

This project will reference, where possible the "standards" defined by the Health Record exchange (HREx) Framework Implementation Guide which in turn will utilize prior work from Argonaut, US Core and QI Core effort for FHIR DSTU2, STU3, and R4. The following diagram depicts the anticipated scope of the HREx Framework IG.



Notes:
1) Existing work is adopted by reference

The ultimate goal is to support the exchange of payer data on specific patients/members for better patient care with providers using technology that support FHIR DSTU2, STU3, and R4 releases of the FHIR standard.

The project team plans to work with existing FHIR artifacts where possible. If changes are necessary, the project team will work with the responsible Work Group to review and implement (via tracker items or new PSS) any necessary enhancements to base FHIR resources, extensions, and/or profiles.

Update to the Scope (in response to requirements in the CMS NPRM from March 2019 for data interoperability)

- 1) Expand the scope of exchanges to include exchanging the same payer data

- a) payer to member
- and, at the direction of the member,
- b) payer to payer and/or
- c) payer to third party.

Note: these are patient directed exchanges where consent is implicit.

2) Include the ability to make basic payer directory information (e.g. provider network) available to the member

3.b. Project Need

Updated to include exchanges with members, other payers and third parties

Providers, members, and other payers need access to payer information regarding current and prior healthcare services received by the patient/member to more effectively manage the patients care. Currently, no FHIR implementation guide exists to standardize the method of exchange (push, pull, triggers, subscription, etc.) or the formal representation (e.g. Bundles, Profiles and Vocabulary) for specific elements of payer information of interest to providers, members, and other payers. This implementation guide will provide a standard for adoption by payers, providers and third party applications for the exchange of payer information. This project will address many of the payer exchange requirements covered in March 2019 CMS NPRM.

3.c. Security Risks

Will this project produce executable(s), for example, schemas, transforms, style sheets, executable program, etc. If so the project must review and document security risks. Refer to the Cookbook for Security Considerations for additional guidance, including sample spreadsheets that may be used to conduct the security risk assessment.

	Yes
X	No
	Unknown

3.d. External Drivers

On March 4 2019, CMS issued a Notice of Proposed Rule Making (NPRM) requiring that that covered payers (Medicare Advantage, Medicaid, CHIP and FFE Qualified Health Plans) make specific data available to their members. In addition, payers must make clinical data available to another health plan and/or third party application at the members request. In addition to the clinical data, the payer must also make the provider network directory information available to the member via the API

3.e. Project Objectives / Deliverables / Target Dates

Within each row, enter the explicit work product(s) / objective(s). Indicate their target date at the right in WGM/Ballot Cycle format. Include the project end date as the last objective (for standards projects, the end date will be the projected ANSI approval date).

Target Date(in WGM or ballot cycle format, e.g. '2017 Sept WGM' or '2017 Jan Ballot')

2019 May Ballot

Ballot for Comment (First Ballot Cycle)

Submit for STU Ballot (Second Ballot Cycle)	2019 Sep Ballot
Complete STU Reconciliation	2020 Jan WGM
Request STU Publication	2020 Jan WGM
Submit for STU 2 Ballot (Third Ballot Cycle)	2020 Sep Ballot
Complete STU 2 Reconciliation	2021 Jan WGM
Request STU 2 Publication	2021 Jan WGM
STU Period	2021 Jan -2022 Jan
Submit for Normative Ballot	2022 May Ballot
Complete Normative Reconciliation	2022 Sep WGM
Submit Publication Request	2022 Oct
Project End Date (all objectives have been met)	2022 Dec

3.f. Common Names / Keywords / Aliases

Payer Data exchange, PDex, Da Vinci

3.g. Lineage

n/a

3.h. Project Dependencies

HealthRecord Exchange Framework

3.i. HL7-Managed Project Document Repository Location

Projects must adhere to the [TSC's guidelines](#) (which were approved on 2016-04-04 and summarized in [Appendix A](#)).

A template to create a Project Page on the HL7 Wiki is available at: http://wiki.hl7.org/index.php?title=Template:Project_Page.

Enter the SPECIFIC URL of the HL7-MANAGED SITE where supporting project documents, deliverables, ballot reconciliation work and other project information will be kept.

HTTP: [//confluence.hl7.org/pages/viewpage.action?pageId=39158184](http://confluence.hl7.org/pages/viewpage.action?pageId=39158184) or above this link.

3.j. Backwards Compatibility

Are the items being produced by this project backward compatible?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown	<input checked="" type="checkbox"/> X	<input type="checkbox"/> N/A
If you check 'Yes' please indicate the earliest prior release and/or version to which the compatibility applies:					
For V3, are you using the current data types?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown	<input checked="" type="checkbox"/> X	<input type="checkbox"/> N/A
(Refer to TSC position statement on new projects using R2B for more information on the current V3 data types)					

If you check no, please explain the reason:	
If desired, enter additional information regarding Backwards Compatibility.	

3.k. External Vocabularies

Will this project include/reference external vocabularies?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown	<input type="checkbox"/> N/A
If Yes, please enter the vocabularies: HCPCS, SNOMED, CPT, ICD, RxNorm, LOINC				

4. Products (check all that apply)

<input type="checkbox"/>	Arden Syntax	<input type="checkbox"/>	V2 Messages – Administrative
<input type="checkbox"/>	Clinical Information Modeling Initiative (CIMI)	<input type="checkbox"/>	V2 Messages - Clinical
<input type="checkbox"/>	Clinical Context Object Workgroup (CCOW)	<input type="checkbox"/>	V2 Messages - Departmental
<input type="checkbox"/>	Domain Analysis Model (DAM)	<input type="checkbox"/>	V2 Messages – Infrastructure
<input type="checkbox"/>	Electronic Health Record (EHR) Functional Profile	<input type="checkbox"/>	V3 Domain Information Model (DIM / DMIM)
<input checked="" type="checkbox"/>	FHIR Extensions	<input type="checkbox"/>	V3 Documents – Administrative (e.g. SPL)
<input checked="" type="checkbox"/>	FHIR Implementation Guide (enter FHIR product version below)	<input type="checkbox"/>	V3 Documents – Clinical (e.g. CDA)
<input checked="" type="checkbox"/>	FHIR Profiles (enter FHIR product version below)	<input type="checkbox"/>	V3 Documents - Knowledge
<input type="checkbox"/>	FHIR Resources	<input type="checkbox"/>	V3 Foundation – RIM
<input type="checkbox"/>	Guidance (e.g. Companion Guide, Cookbook, etc)	<input type="checkbox"/>	V3 Foundation – Vocab Domains & Value Sets
<input type="checkbox"/>	Logical Model	<input type="checkbox"/>	V3 Messages - Administrative
<input type="checkbox"/>	New/Modified/HL7 Policy/Procedure/Process	<input type="checkbox"/>	V3 Messages - Clinical
<input type="checkbox"/>	New Product Definition (please define below)	<input type="checkbox"/>	V3 Messages - Departmental
<input type="checkbox"/>	New Product Family (please define below)	<input type="checkbox"/>	V3 Messages - Infrastructure
<input type="checkbox"/>	Non Product Project - (Educ. Marketing, Elec. Services, etc.)	<input type="checkbox"/>	V3 Rules - GELLO
<input type="checkbox"/>	White Paper	<input type="checkbox"/>	V3 Services – Java Services (ITS Work Group)
<input type="checkbox"/>	Creating/Using a tool <u>not</u> listed in the HL7 Tool Inventory	<input type="checkbox"/>	V3 Services – Web Services (SOA)

If you checked New Product Definition or New Product Family, please define below:

For FHIR IGs and FHIR Profiles, what product version(s) will the profiles apply to?
DSTU2, STU3, R4

5. Project Intent (check all that apply)

<input type="checkbox"/>	Create new standard	<input type="checkbox"/>	Supplement to a current standard
<input type="checkbox"/>	Revise current standard (see text box below)	<input checked="" type="checkbox"/>	Implementation Guide (IG) will be created/modified
<input type="checkbox"/>	Reaffirmation of a standard	<input type="checkbox"/>	Project is adopting/endorsing an externally developed IG:
<input type="checkbox"/>	New/Modified HL7 Policy/Procedure/Process	<input type="checkbox"/>	Specify external organization in Sec. 6 below;
<input type="checkbox"/>		<input type="checkbox"/>	Externally developed IG is to be (select one):
<input type="checkbox"/>	White Paper (select one):	<input type="checkbox"/>	Adopted - OR - <input type="checkbox"/> ? <input type="checkbox"/> Endorsed

<input type="checkbox"/>	Balloted Informative OR	<input type="checkbox"/>	Non-balloted WG White Paper	<input type="checkbox"/>	N/A (Project not directly related to an HL7 Standard)
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

If revising a current standard, indicate the following:	
- Name of the standard being revised:	
- Date it was published (or request for publication, or ANSI designation date)	
- Rationale for revision	
- The relationship between the new standard and the current standard (is it designed to replace the current standard, a supplement to the current standard, etc.)	

5.a. Ballot Type (check all that apply)

<input checked="" type="checkbox"/>	Comment (aka Comment-Only)	<input type="checkbox"/>	Joint Ballot (with other SDOs)
<input type="checkbox"/>	Informative	<input type="checkbox"/>	N/A (project won't go through ballot)
<input checked="" type="checkbox"/>	STU to Normative - OR -	<input type="checkbox"/>	Normative (no STU)
<input type="checkbox"/>		<input type="checkbox"/>	

If necessary, add any additional ballot information here. If artifacts will be jointly balloted with other SDOs, list the other groups.

5.b. Joint Copyright

Check this box if you will be pursuing a joint copyright. Note that when this box is checked, a Joint Copyright Letter of Agreement must be submitted to the TSC in order for the PSS to receive TSC approval.

Joint Copyrighted Material will be produced?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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6. Project Logistics

6.a. External Project Collaboration

Include SDOs or other external entities you are collaborating with, including government agencies as well as any industry outreach. Indicate the nature and status of the Memorandum of Understanding (MOU) if applicable.			
For projects that have some of their content already developed:			
How much content for this project is already developed?		10%	
Was the content externally developed ? :	Y	Da Vinci	
Is this a hosted (externally funded) project? (not asking for amount just if funded)	X	Yes	No

6.b. Realm

<input type="checkbox"/>	Universal	- OR -	<input checked="" type="checkbox"/>	Realm Specific
				Check here if this standard balloted or was previously approved as realm specific standard
U.S.	Includes vocabulary and profiles that are specific to the US healthcare system Support US Healthcare workflows			

6.c. Stakeholders / Vendors / Providers

This section must be completed for projects containing items expected to be ANSI approved, as it is an ANSI requirement for all ballots

	Stakeholders		Vendors		Providers
X	Clinical and Public Health Laboratories		Pharmaceutical		Clinical and Public Health Laboratories
X	Immunization Registries		EHR, PHR		Emergency Services
X	Quality Reporting Agencies		Equipment		Local and State Departments of Health
X	Regulatory Agency	X	Health Care IT	X	Medical Imaging Service
	Standards Development Organizations (SDOs)	X	Clinical Decision Support Systems	X	Healthcare Institutions (hospitals, long term care, home care, mental health)
X	Payors	X	Lab		Other (specify in text box below)
X	Other (specify in text box below)		HIS		N/A
	N/A		Other (specify below)		
			N/A		
Other: Federal Healthcare Agencies (e.g. CMS), Providers (e.g. Physicians)					

6.d. Project Approval Dates

Click here to go to [HL7 Project Scope Statement Instructions#Appendix A](#) for more information regarding this section.
Approvals are by simple majority vote of the approving body

Sponsoring Work Group Approval Date:	WG Approval Date	2018-12-18 2019-04-16 (updated)
Administrative review – in parallel with Work Group Approval		
Co-Sponsor Group Approval Date	Attachments	2018-12-18 2019-04-16 (updated)
	Pharmacy	2019-05-06
Family Management Group Approval Date(s)		
CIMI Projects: CIMI Management Group	CIMI MG Approval Date	N/A
CDA Projects: CDA Management Group	CDA MG Approval Date	N/A
FHIR Projects: FHIR Management Group	FMG Approval Date	2018-12-19 2019-04-16 (updated)
V2/Publishing Projects: V2 Management Group	V2 MG Approval Date	N/A
US Realm Projects: US Realm Steering Committee Approval (Email WG approved PSS to: tscpm@HL7.org)	USRSC Approval Date	2019-01-29 2019-05-06 Update
Affiliate Specific Projects: Affiliate Approval Date	Affiliate Approval Date	N/A
Submit PSS to Steering Division after all of the above approvals are received		
Steering Division (of Primary Sponsor WG) Approval Date:	SD Approval Date CCYY-MM-DD	2019-01-12 2019-05-08 (updated)

Last PBS Metrics Score:	<input checked="" type="checkbox"/>	Green	<input type="checkbox"/>	Yellow	<input type="checkbox"/>	Red			
PBS Metrics Reviewed? (required for SD Approval if not green)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>				
ARB and Steering Division approval may be in parallel									
Architectural Review Board Approval Date: (required for externally developed content)					ARB Approval Date	N/A			
TSC Approval									
If applicable, TSC has received a Joint Copyright/Distribution Agreement (containing the verbiage outlined within the SOU), signed by both parties.	<input type="checkbox"/>				Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	N/A
Technical Steering Committee Approval Date: (Email SD WG approved PSS to: tscpm@HL7.org)					TSC Approval Date	2019-05-08			