

PurposeProgram Status ReportAudienceProgram Management Team

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Sparked Summary Status

Report Date:	30 September 2024
Report Period:	September 2024

Program Status:

Green

Budget

Green

Not due to commence

Program Phase: Operations

Green

Status Summary	Overall Health			
Sparked continues to focus on the AU Core FHIR Implementation Guide (Working Standard), with the Sparked AU Core TDG and Co-Chairs making significant progress on Ballot Resolution activities. Similarly, the AU eRequesting FHIR Implementation Guide (Ballot for Comment) is advancing, with the Sparked AU eRequesting TDG and Co-Chairs also actively addressing Ballot Resolution items. In parallel, the Sparked CDG is deepening its work on the Chronic Disease Management, Reason for Encounter, and Patient Summary use cases, identifying and refining their specific requirements. A key area of focus has been on defining the requirements for AUCDI R2 while simultaneously responding to feedback on the AUeReqDI and preparing the final version for community release in October. Engagement efforts saw a highlight in mid-September with a face-to-face Sparked Community event in Brisbane, receiving overwhelmingly positive feedback from attendees. In addition, Sparked webinars attracted over 100 participants, reflecting the community's continued growth and the engagement of a significant number of founding members. Looking Ahead: Sparked will shift its focus towards the AU Patient Summary FHIR Implementation Guide (AU PS FHIR IG) project, including the launch of the AU PS Project Team. Other priorities include preparations for the November Sparked CDG/TDG and Leadership event in Melbourne, the Perth AIDH events, and the final HL7AU Connectathon for 2024, scheduled for December.				
Decisions Requested				
NIL				
Milestone Summary				
Milestone				
Sparked F2F Event in Melbourne – 20-21 November				
Sparked Workshop at AIDH Event Perth - 7-8 November	Green			

Launch of Sparked AU Patient Summary Project Team – Early December

Schedule Risks Issues **Resources** Green Green Green Green parked On Track.

HL7 FHIR

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Program Risks and Issues

Report Date:	30 September 2024		
Report Period:	September 2024		

Program Status:

Program Phase: Operations

Green

Major Risks

HL7 FHIR

			-
ID	Risk Description	Mitigation	Rating
11	eRequesting Program Schedule	Monitoring in Progress	Medium
12	eRequesting Architecture Requirements	Monitoring in Progress	Medium
16	eRequesting FHIR IG & eRequestDI: There is a risk that other eHealth initiatives encompassing Health Information Exchange (HIE) and electronic requesting (eRequesting) may adversely affect the efficacy of stakeholder engagement during the Clinical Design Group (CDG) and Technology Design Group (TDG) meetings.	It is proposed that the DOHAC and the Agency collaboratively develop and implement comprehensive communication and engagement strategies. This approach will ensure that the Sparked Program can efficiently channel queries, concerns, and feedback to the appropriate forums, thereby maintaining the integrity and effectiveness of stakeholder engagement processes.	Medium
17	Capacity and Capability of the industry and clinical community to support competing priorities: There is a risk that the industry cannot effectively support Sparked activities due to other eHealth initiatives in the same timeframe.	It is proposed that DOHAC and the Agency establish agreed-upon priorities and a clearly defined future roadmap. This strategy will facilitate alignment across industry stakeholders, ensuring that the necessary resources and focus are allocated to support the Sparked initiative effectively, despite the presence of competing priorities.	Medium
18	Diagnostic Imaging Engagement: There is a risk that the diagnostic imaging industry may not be sufficiently engaged in Technology Design Group (TDG) and Clinical Design Group (CDG) meetings, as well as in the subsequent Validation Pilots. This could impact the effective development and validation of eRequesting specifications.	It is proposed that DOHAC and the Agency facilitate the inclusion of more representatives from the diagnostic imaging industry in Sparked. This approach will help ensure a more balanced representation and contribute to the comprehensive development and validation of eRequesting specifications.	Medium
19	State and Territory Engagement: There is a risk of inadequate engagement from state and territory health departments in the Sparked initiative.	it is proposed that DOHAC and Agency assist in identifying and engaging appropriate stakeholders from these departments to contribute to the Sparked initiative. This proactive approach will ensure broader and more effective participation, enhancing the initiative's outcomes.	Medium
20	AU eRequesting FHIR IG: There is a risk that the current rate of decisions with the eRequesting TDG are not adequate to enable an appropriate Draft for Comment Ballot in August.	A risk mitigation plan has been established to plan the roadmap of decisions required to achieve a minimum viable AU eRequesting FHIR IG Draft for Comment Ballot. The plan is being actively managed.	Low
21	AU Core FHIR IG: There is a risk that the publication of the AU Core FHIR Implementation Guide (IG) may be delayed due to resource constraints, as prioritization is being given to the AU Patient Summary (AU PS) project.	To mitigate this risk, it is proposed that resources be allocated specifically to AU Core FHIR IG development. Furthermore, it is recommended that the FHIR Lead prioritize FHIR IG development activities in November to ensure the AU Core FHIR IG is delivered with the required quality and completeness.	Medium
barke	d		

Program Engagement Status

Program Phase: Operations

Green

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6

Completed

September

Stakeholder Engagement

Clinical Colleges meetings

Events

- 3 September Sparked AU eRequesting TDG Online
- 5 September Sparked AU Core TDG Online Ballot Reconciliation
- 11 & 12 September Sparked Community Co-Design Workshops (In-person) Brisbane
- 12 September Sparked AU eRequesting TDG Online
- 17 September Sparked AU eRequesting TDG Online
- 19 September Sparked AU Core TDG Online Ballot Reconciliation
- 26 September Sparked AU eRequesting TDG Online

Communications

• Program Status Update

Sparked

Planned

October

Stakeholder Engagement

Clinical Colleges meetings

Events

- 1 October Sparked AU eRequesting TDG Onlinezzzzzzzzz
- 2 October Sparked Webinar (Clinical Co-Design Workshop Perspectives)
- 3 October Sparked AU Core TDG Online Ballot Reconciliation
- 10 October Sparked AU eRequesting TDG Online
- 15 October Sparked AU eRequesting TDG Online
- 15 October Sparked Clinical Design Group Online
- 17 October Sparked AU Core TDG Online Ballot Reconciliation
- 24 October Sparked AU eRequesting TDG Online
- 29 October Sparked AU eRequesting TDG Online
- 31 October Sparked AU Core TDG Ballot Reconciliation

Communications

Program Status Update

Planned November

November

Stakeholder Engagement

Clinical Colleges meetings

Events

- 5 November Executive Leadership Dinner Perth
- 6 November WA Patient Summary Roundtable (F2F) Perth | Networking Evening Event
- 7 & 8 November HITWA Sparked presentation Perth
- 7 November Sparked AU eRequesting TDG Online
- 14 November AU Core TDG Online
- 19 November Sparked Leadership Evening (In-person) Melbourne
- 20 & 21 November Sparked CDG & AU eRequesting TDG Community Co-Design Workshops (In-person) Melbourne
- 21 November Sparked AU eRequesting TDG Online
- 28 November Sparked AU Core TDG Meeting Online
- 29 November Sparked AU Core Track Kick Off

Communications

• Program Status Update

Planned

December

Stakeholder Engagement

Clinical Colleges meetings

Events

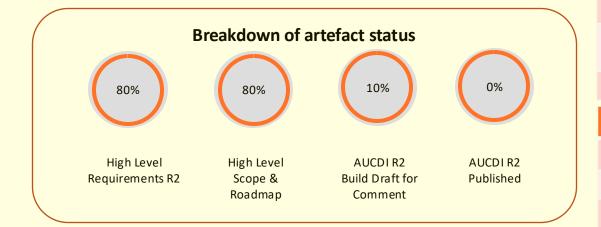
- 5 December Sparked AU eRequesting TDG Online
- 11 December Sparked AU PS Workshop (In-person) Melbourne
- 12 & 13 December HL7AU Connectathon **Communications**
- Program Status Update

Product Status: AU Core Data for Interoperab

Product Definition

Published data sets to be used as part of the AU Core FHIR standard for implementation across Australia spanning multiple use cases.

Dependencies		
Dependency	Due Date	Status
NA		NA



		Su sep	lember 2024		
oility	Report Pe	eriod: Septem	nber 2024		
Product Phase	Overall Proc	Overall Product Status			
Development	Schedule	Risks	Issue		
	Green	Green	Green		
Milestones Status					
Milestone		Due Date	Status		
High level requirements phase AUCDI	complete	30/10/23	Complete		
High level scope & roadmap phase AU	30/10/23	Complete			
AUCDI R1 Draft for Comment build pha	30/1/24	Complete			
AUCDI R1 Draft for Comment phase cl	8/3/24	Complete			
AUCDI R1 Draft for Comment Publication phase complete		30/5/24	Complete		
AUCDI R1 Published	Jun 2024	Complete			
Deliverable Status					
Deliverable		Due Date	Status		
High Level Scope & Roadmap AUCDI R	30/10/23	Complete			
AUCDI R1 Draft for comment	6/2/24	Complete			
AUCDI R1 Published		25/6/24	Complete		
AUCDI R2 Draft for comment	Jan 2025	NA			
AUCDI R2 Published	Jun 2025	NA			
	NA	: Not yet due t	o commence		

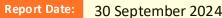
Report Date:

30 September 2024



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Product Status: AU Core FHIR Implementation Guide



Report Period: September 2024

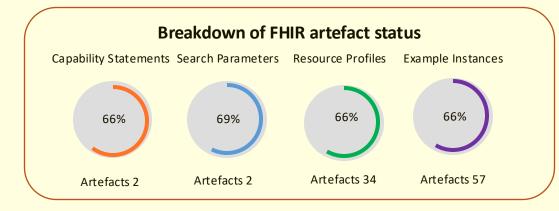
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Product Definition

AU Core sets the minimum expectations on FHIR resources to support conformance and implementation in systems for core clinical and administrative information.

Dependencies

Dependency	Due Date	Status
AU Base FHIR IG (4.x) Published HL7	Feb 2025	NA
AUCDI R1 Published	Jun 2024	Complete



roduct Phase Overall Product Status					
Development	Sche	dule	Risks	Issue	
	Gre	en Green		Green	
Milestone Status					
Milestone		Due	Date	Status	
AU Core FHIR IG R1 Development phase complete	2	8/0)3/24	Complete	
AU Core FHIR IG R1 Testing and Piloting of FHIR Standards phase complete			/8/24	Complete	
AU Core FHIR IG R1 Ballot STU phase complete			.0/24	Complete	
AU Core FHIR IG R1 Ballot Resolution phase complete		29/11/24		In progress	
AU Core FHIR IG R1 Published		30,	/1/25	NA	
Deliverable Status					
Deliverable		Due	Date	Status	
AU Core FHIR IG R1 Draft for Comment Ballot			03/24	Complete	
AU Core FHIR IG R1 Draft for Testing and Piloting of FHIR Standards			03/24	Complete	
AU Core FHIR IG R1 Draft for Ballot	HL7 🙌	5/3	8/24	Complete	
AU Core FHIR IG R1 Published			025 TBC	NA e to commence	



Product Status: AU Patient Summary FHIR Implementation Guide

Report Date:30 September 2024Report Period:September 2024



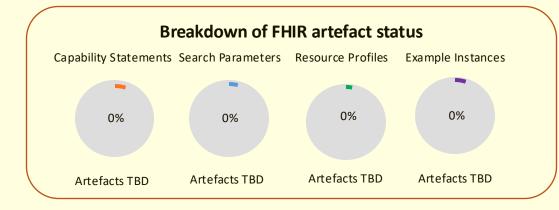
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Product Definition

AU Core sets the minimum expectations on FHIR resources to support conformance and implementation in systems for core clinical and administrative information.

Dependencies

Dependency	Due Date	Status
AU Base FHIR IG (4.x) Published HL7	Feb 2025	NA
AUCDI R1 Published	Jun 2024	Complete



Overall Product Status			
Sche	dule	Risks	Issue
Gre	en	Green	Green
	Due	e Date	Status
ient	30/7	/25 TBC	Green
	30/6	/25 TBC	NA
AU Patient Summary FHIR IG R1 Ballot STU phase complete			NA
AU Patient Summary FHIR IG R1 Ballot Resolution phase complete			NA
AU Core FHIR IG R1 Published			NA
	Due	e Date	Status
AU Patient Summary FHIR IG R1 Draft for Comment Ballot HL7			NA
AU Patient Summary FHIR IG R1 Draft for Testing and Piloting of FHIR Standards			NA
AU Patient Summary FHIR IG R1 Draft for Ballot			NA
AU Patient Summary FHIR IG R1 Published HL7			NA
	Scher Gre hent J phase solution HL7 Testing	Schedule Greun and 30/7 and 30/6 J phase 30/7 Solution 30 Solution	ScheduleRisksGreenGreenGreenDue Dateand30/725 TBCand30/6/25 TBCandTBCand1and30/1/25and30/9/25 TBCand30/9/25 TBCand30/9/25 TBCand30/9/25 TBCand30/9/25 TBCand30/9/25 TBCand30/7/25 TBCand30/7/25 TBCand30/7/25 TBCand30/7/25 TBCand30/7/25 TBCandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAndandAnd



Product Status: AU e-Requesting Data for Interoperability

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HL7 FHIR



Status

Complete

Complete

Complete

Complete

Complete

Green

Status

Complete

Complete

Green

Product Definition		Product Phase	Overall Produc	t Status			
Published data sets to be used as part of the AU eRequesting FHIR standard to be used in eRequesting for implementation		Development	Schedule	Risks	Issues		
			Green	Green	Green		
across Australia.				Milestones Status			
Dependencies				Milestone		Due Date	Statu
Dependency		Due Date	Status	High level requirements phase A	UeReqDI R1 complete	30/12/23	Compl
AUCDI R1 Publishe	d	Jun 2024	Complete	High level scope & roadmap pha complete	se AUeReqDI R1	29/02/24	Compl
	Breakdown of ar			AUeReqDI R1 Draft for Commen	t build phase complete	15/5/24	Compl
	Breakdown of ar			AUeReqDI R1 Draft for Commen	t phase complete	30/7/24	Compl
100%	100%	100%	100%	Review AUeReqDI R1 phase com	plete	Aug 2024	Comple
	\bigcirc			AUeReqDI R1 Published		Oct 2024	Gree
High Level	High Level		eReqDI R1 Draft	Deliverable Status			
Requirements	Scope & Roadmap	Build Draft for for for	or Comment Published	Deliverable		Due Date	Stat
				High level scope & roadmap AUe	eReqDI R1	Jan 2024	Compl

AUeReqDI R1 Draft for Comment

AUeReqDI R1 Published

NA: Not yet due to commence

15/5/24

Oct 2024

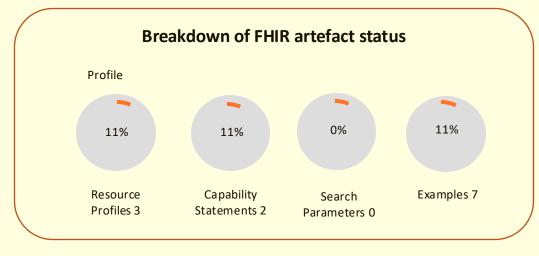
Product Status: AU eRequesting FHIR Implementation Guide

Product Definition

AU eRequesting sets the minimum expectations on FHIR resources to support conformance and implementation in systems for clinical service requesting.

Dependencies

Dependency	Due Date	Status
AUCDI R1 Published	Jun 2024	Complete
AU eRequesting Data for Interoperability (AUeReqDI) R1	Sep 2024	Green



https://build.fhir.org/ig/hl7au/draft-diagnostic-orders/branches/master/artifacts.html

nentation Guide	Report Period: September 2024		per 2024
Product Phase	Overall Product Status		
Development	Schedule	Risks	Issues
	Green	Green	Green
Milestone Status			
Milestone		Due Date	Status
AU eRequesting FHIR IG R1 Develop complete	ment phase	5/8/24	Complete
AU eRequesting FHIR IG R1 Testing a FHIR Standards phase complete	and Piloting of	30/1/25 TBC	NA
AU eRequesting FHIR IG R1 Ballot pl	nase complete	23/3/25 TBC	NA
AU eRequesting FHIR IG R1 Ballot Re complete	esolution phase	23/5/25 TBC	NA
AU eRequesting FHIR IG R1 Publishe	ed	Late Jun 2025	NA
Deliverable Status			
Deliverable		Due Date	Status
AU eRequesting FHIR IG R1 Draft for Piloting of FHIR Standards	r Testing and	5/8/24 TBC	Complete
AU eRequesting FHIR IG R1 Draft for Ballot	•	17/2/25 TBC	NA
AU eRequesting FHIR IG R1 Publishe	HL7 🔶	Late Jun 2025 TBC NA: Not yet	5 NA due to commence

Report Date:

30 September 2024

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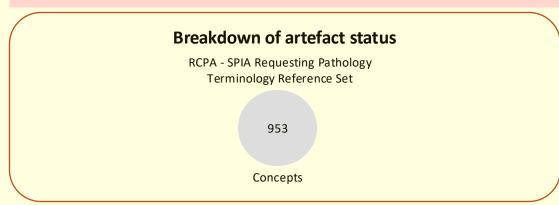
Product Status: Pathology Request ValueSet/s

Product Definition

Published SNOMED CT ValueSet/s to support the standardised, electronic requesting of Pathology tests guided by the professional peak body, Royal College of Pathologists of Australasia (RCPA) for implementing across Australia.

Dependencies

NA



<u>National Clinical Terminology Service - National Clinical Terminology Service</u> (healthterminologies.gov.au)



S	Report F	eriod: Septem	iber 2024	
Product Phase	Overall Product Status			
Development	Schedule	Risks	Issues	
	Green	Green	Green	
Milestone Status				
Milestone		Due Date	Status	
RCPA / CSIRO Product develop procedure (Project Brief) com		30/11/23	Complete	
Pathology ValueSet/s Gap Ana	lysis complete	c 15/12/23 Complete		
Ways of working with RCPA co	mplete	30/3/24	Complete	
Deliverable Status				
Deliverable		Due Date	Status	
Release 1 (R1) - SNOMED CT \	/alueSet/s	20/11/23	Complete	
R2 - SNOMED CT ValueSet/s		30/6/24	Complete	
R3 - SNOMED CT ValueSet/s		30/9/24	Complete	
R4 – SNOMED CT ValueSet/s		10/12/24	NA	
R5 – SNOMED CT ValueSet/s		31/3/25	NA	
Endorsement of FHIR ValueSet	:/s	30/5/25	NA	
Publication of FHIR Pathology ValueSet/s	Request	30/6/25	NA	

Report Date:

30 September 2024

Product Status: Radiology Referral ValueSet/s

Report Period: September 2024

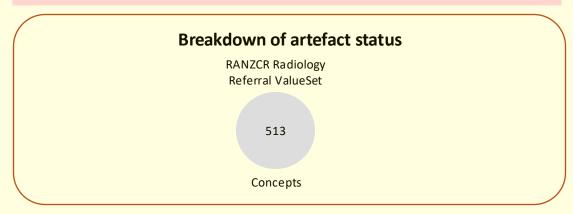
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Product Definition

Published SNOMED CT ValueSet/s to support the standardised, electronic requesting of Radiology procedures guided by the professional peak body, Australia New Zealand College of Radiology (RANZCR) for implementing across Australia.

Dependencies

NA



RANZCR Radiology Referral - AU eRequesting Implementation Guide v0.1.0-ci-build (fhir.org)

Product Phase	Overall Product Status				
Inception	Schedule	Risks	Issues		
	Green	Green	Green		
Milestone Status					
Milestone		Due Date	Status		
RANZCR / CSIRO Product deve procedures (Project Brief)	lopment	30/11/23	Complete		
Draft Target Operating Model		15/12/23	Complete		
Ways of working with RANZCR		30/3/24	Complete		
Deliverable Status					
Deliverable		Due Date	Status		
Release 1 (R1) - SNOMED CT candidate	ValueSet/s	30/3/24	Complete		
R2 - SNOMED CT ValueSet/s c	andidate	30/7/24	Complete		
R3 - SNOMED CT ValueSet/s c	andidate	30/11/24	NA		
R4 - SNOMED CT ValueSet/s c	andidate	30/3/25	NA		
R5 – SNOMED CT ValueSet/s F	inal	30/6/25	NA		



Product Status: AU Core Testing Service

Product Definition

Publicly available tools that test systems for their capability to conform to the AU Core Implementation Guide.

Dependencies		
Dependency	Due Date	Status
AU Core FHIR IG R1 Published	Jan 2025	NA
Breakdown of ar	tefact status	
100%	90%	
internovio	Service Test Da tructure	ta

Product Phase	Overall Pro	duct Statu	S
Pre-Inception	Schedule	Risks	Issues
	Green	Green	Green

Report Date:

Report Period:

30 September 2024

September 2024

Milestone Status Milestone **Due Date** Status AU Core R1 Test Service Requirements Feb 2024 Complete AU Core R1 Gap Analysis Infrastructure Feb 2024 Complete AU Core Test R1 Service Architecture Feb 2024 Complete AU Core R1 Test Service complete Feb 2025 Green

Deliverable Status				
Deliverable	Due Date	Status		
AU Core R1 Test Suite First Release	30/3/24	Complete		
AU Core R1 Data First Release	30/3/24	Complete		

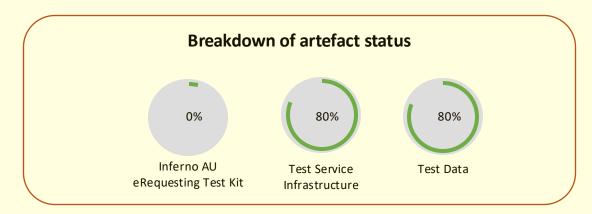


Product Status: AU eRequesting Testing Service

Product Definition

Publicly available tools that test systems for their capability to conform to the AU eRequesting Implementation Guide.

Dependencies		
Dependency	Due Date	Status
AU eRequesting FHIR IG R1 Published	Late Jun 2025	NA



/ICe	Report Period	Septem	ber 2024		
Product Phase	Overall Proc	Overall Product Status			
Pre-Inception	Schedule	Risks	Issues		
	Green	Green	Green		

Report Date:

30 September 2024

Milestone Status				
Milestone	Due Date	Status		
AU eRequesting R1 Test Service Requirements	30/5/24	Complete		
AU eRequesting R1 Gap Analysis Infrastructure	30/6/24	Complete		
AU eRequesting Test R1 Service Architecture	31/10/24 TBC	Green		
AU eRequesting R1 Test Service complete	Late June 2025 TBC	NA		
Deliverable Status				
Deliverable	Due Date	Status		
AU eRequesting R1 Test Suite First Release	30/8/24	Green		
AU eRequesting R1 Data First Release	30/8/24	Complete		



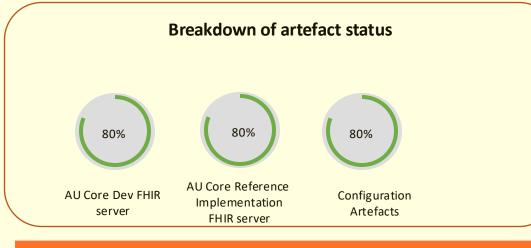
Product Status: AU Core Reference Implementation



Product Definition

Reference implementations assist implementers to adopt the AU Core FHIR IG through:

- Provide a starting point for developers that allows them to decide how to represent AU Core FHIR objects and behaviour within their environment.
- Provide a means for practical testing at Connectathons and through testing and piloting before the FHIR IGs are finalised.



Dependencies

Dependency	Due Date	Status
Smile Licenses and Telstra Health Professional Services Agreements	August	Complete

Product Phase	Overall Product Status				
Pre-Inception	Schedule		Risks	Issues	
	Gre	en	Green	Green	
Milestone Status					
Milestone		Due	Date	Status	
AU Core R1 Reference Implementat Requirements	ion	May	2024	Complete	
AU Core R1 Gap Analysis Infrastruct	ture	May	2024	Complete	
AU Core R1 Reference Implementation Architecture		Feb	2024	Complete	
AU Core Dev FHIR server		June	e 2024	Complete	
AU Core R1 Reference Implementation complete		Jan	2025	Green	

Deliverable StatusDeliverableDue DateStatusAU Core R1 Reference ImplementationJan 2025Green



Product Status: AU eRequesting Reference Implementation

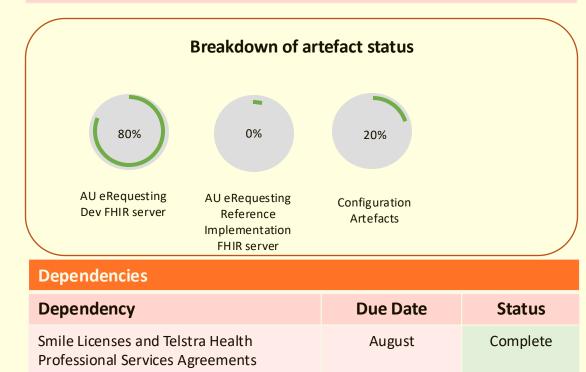
September 2024



Product Definition

Reference implementations assist implementers to adopt the AU eRequesting FHIR IG through:

- · Provide a starting point for developers that allows them to decide how to represent AU Requesting FHIR objects and behaviour within their environment.
- Provide a means for practical testing at Connectathons and through testing and piloting before the FHIR IGs are finalised.



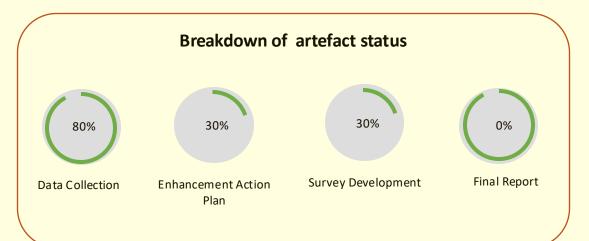
Product Phase	Overall Product Status			us
Pre-Inception	Schedule		Risks	Issues
	Gree	en	Green	Green
Milestone Status				
Milestone		Due	e Date	Status
AU eRequesting R1 Reference Implementation Requirements		Oct	t 2024	Green
AU eRequesting R1 Gap Analysis Infrastructure		Nov	v 2024	Green
AU eRequesting R1 Reference Implementation Architecture		Deo	2024	Green
Au eRequesting Dev FHIR Server		Ma	r 2025	Green
AU eRequesting R1 Reference Implementation complete			е 2025 ГВС	NA
Deliverable Status				
Deliverable		Due	Date	Status
AU eRequesting R1 Reference Implementation			e 2025 TBC	NA



Product Status: Program Evaluation

Product Definition

An internal evaluation of the program effectiveness as well as enablers and barriers to implementation. Publications containing a guide that provides detailed information about the program components and supporting processes, approach, changes made, and lessons learnt.



Updates

arked

CSIRO Evaluation implementation enhancement plan in development CSIRO Evaluation sentiment survey under development and to be distributed to the Sparked community after the September workshop Continued DOHAC/Voronoi alignment with CSIRO on progressing a unified

approach to evaluation

Report Date: 30 September 2024 **Report Period:**

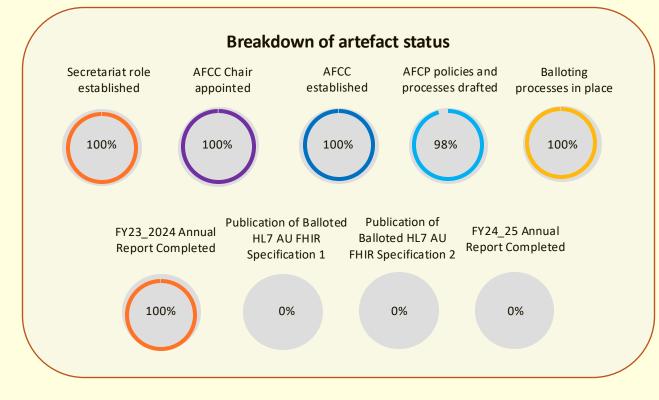
September 2024

Product Phase	Overall Product Status			
Formation	Schedule		Risks	Issues
	Green		Green	Green
Milestone Status				
Milestone		Due Date		Status
Baseline Data Collection		Jan 2024		Complete
Presentation of Plan and Prelim Results		May 2024		Complete
Sentiment Survey Distribution		Sept 2024		Green
Journal publication		Late	2024	In progress
Post Improvement Analysis		Nov	2024	NA

Deliverable Status					
Deliverable	Due Date	Status			
Data Analysis and Synthesis	Apr 2024	Complete			
Enhancement Plan Workshop	May 2024	Complete			
Enhancement Action Plan	Nov 2024	On Track			
Final Report	Dec 2025	NA			

Product Status: Australian FHIR Management Framework (AFMF)

Product Definition		Overall Product Status		
The AFMF will enable Australia to adopt FHIR standards and build a strong FHIR community to achieve		Risks	Issues	
interoperability. It will consist of an Australian FHIR Community Process governed by an Australian FHIR Coordination Committee.	Green	Green	Green	



Milestone Status				
Milestone	Due Date	Status		
Published AFMF	10/08/23	Complete		
AFCC established	31/12/23	Complete		
Publication of 2 x Balloted HL7 AU FHIR specifications	May 2025	NA		

