Canada Health Infoway

eReC Working Group

Online meeting
Dec 4, 2024

Topics

Topic	Time
Welcome	2 mins
News and updates • Ontario v0.12.0 open review • eReferral at Projectathon/Plugathon • CA:eReC v1.1.0 timeline	10 mins
Discussion on Change requests • Mechanism to indicate what has changed with an update message • ServiceRequest having multiple performers • Clarification on the use of HealthcareService in messaging • Identifying differences between eReferrals and eConsults	45 mins

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eReferral at Projectathon/Plugathon 2025 Updates

- Projectathon registration has been extended to December 13
- Infoway will waive the registration fee ($1000) for the 2025 Projectathon for stakeholders engaged in the Connected Care program
- Important Dates and Links
  - Pre-Projectathon Testing Webinar: December 9 - 12:00 PM ET
  - Pre-Projectathon Testing: December 9 – January 31
  - **For more information:** IHE North America Connectathon Week 2025 Guide
- Plugathon: Separate sessions for CA:HALO and CA:Care Service Directory
- CA:eReC Roadmapping session

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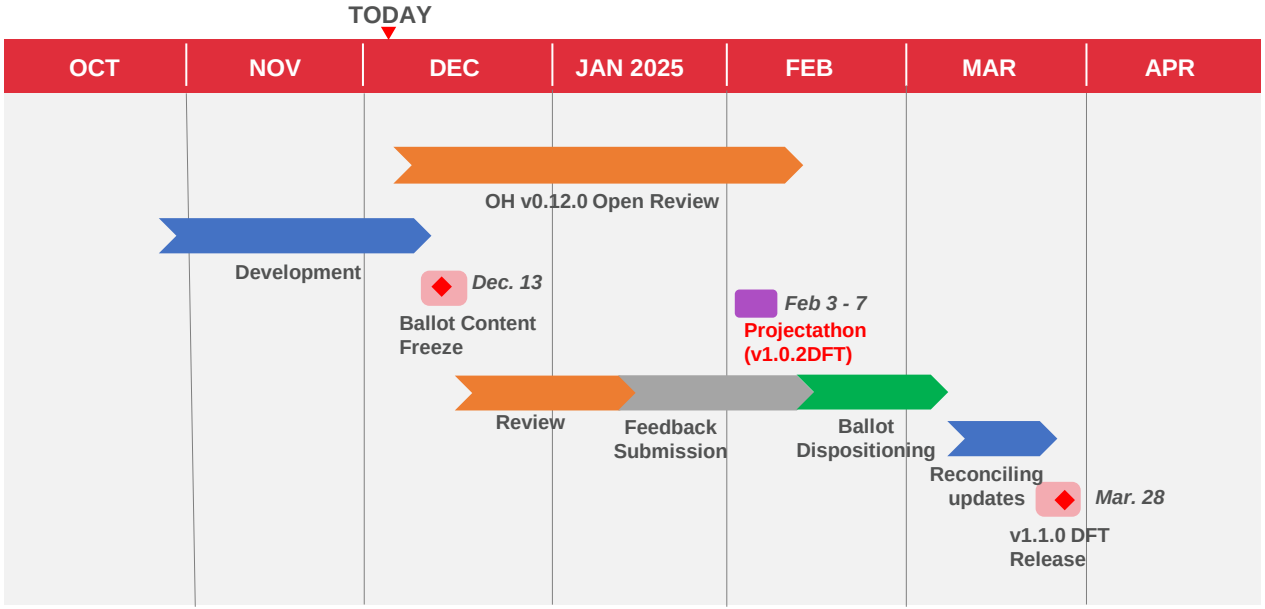
Current Timeline for v1.1.0 (March Cycle)



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Rationale to move to May cycle

- Current scope is light: adding 2 pre-adopted extensions
- Avoid parallel review of CA:eReC and ON:eReC at the same time
- Give more time to manage and input feedback from Projectathon 2025
- Avoid overloading the community during busy holiday season

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ER-44: Mechanism to indicate what has changed with an update message is sent.

Proposed approach: Use MessageHeader.reason

Replace existing example binding with a preferred sets of eReferral specific codes.

Work with Alberta Health to define set to include in IG. Feedback through balloting process?

(current valueset: https://terminology.hl7.org/5.1.0/ValueSet-message-reason-encounter.html)

Actor	Transaction	Message Event Code	MessageHeader.Reason	
			code	**Display / Definition**
eReC Requester	eReCM-3	notify-update-service-request		Supporting info is provided/updated
eReC Performer	eReCM-7	notify-update-process-request		Task status was updated
eReC Performer	eReCM-7	notify-update-process-request		Appointment was cancelled (by Service Provider)
eReC Performer	eReCM-7	notify-update-process-request		Appointment was updated (by Service Provider)
eReC Informer	eReCM-11	notify-update-service-record		Service provider was assigned
eReC Informer	eReCM-11	notify-update-service-record		Different service provider was assigned/Service request assigned to another/new provider
eReC Informer	eReCM-11	notify-update-service-record		Appointment was booked
eReC Informer	eReCM-11	notify-update-service-record		ServiceRequest status was updated
eReC Informer	eReCM-11	notify-update-service-record		ServiceRequest was completed
eReC Informer	eReCM-11	notify-update-service-record		ServiceRequest was cancelled (by CAT)
eReC Informer	eReCM-11	notify-update-service-record		ServiceRequest was cancelled (by Service Provider)
eReC Informer	eReCM-11	notify-update-service-record		ServiceRequest was waitlisted (by Service Provider)
eReC Informer	eReCM-11	notify-update-service-record		ServiceRequest was deferred (by Service Provider)

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Change Requests

Item	JIRA Link
Differences between eConsult and eReferral requests	ER-41
Support for ServiceRequest having several participants in addition to the actual service provider	ER-42
Further clarification of use of HealthcareService in messaging is needed	ER-48

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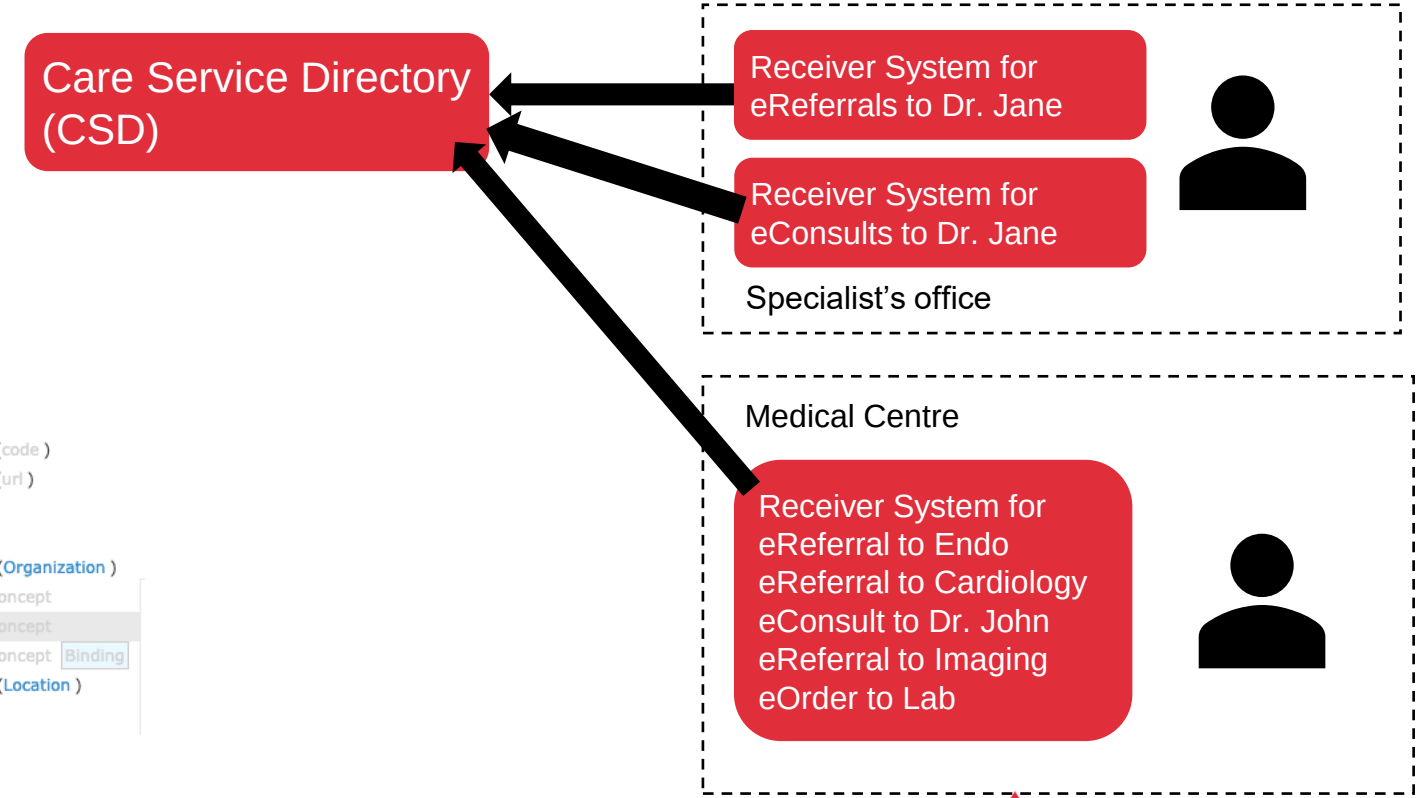
Context 1: Publishing Services



HealthcareService	I			
meta	Σ		0..1	Meta
extension	*I*		*0..**	*Extension*
deliveryMethod	I		0..*	Extension (code)
usageLicense	I		0..*	Extension (url)
identifier	S	Σ	0..*	Identifier
active	S	Σ ?!	0..1	boolean
providedBy	S	Σ I	0..1	Reference (Organization)
category	Σ		0..*	CodeableConcept
type	S	Σ	1..*	CodeableConcept
specialty	Σ		0..*	CodeableConcept Binding
location	S	Σ I	0..*	Reference (Location)
name	S	Σ	1..1	string

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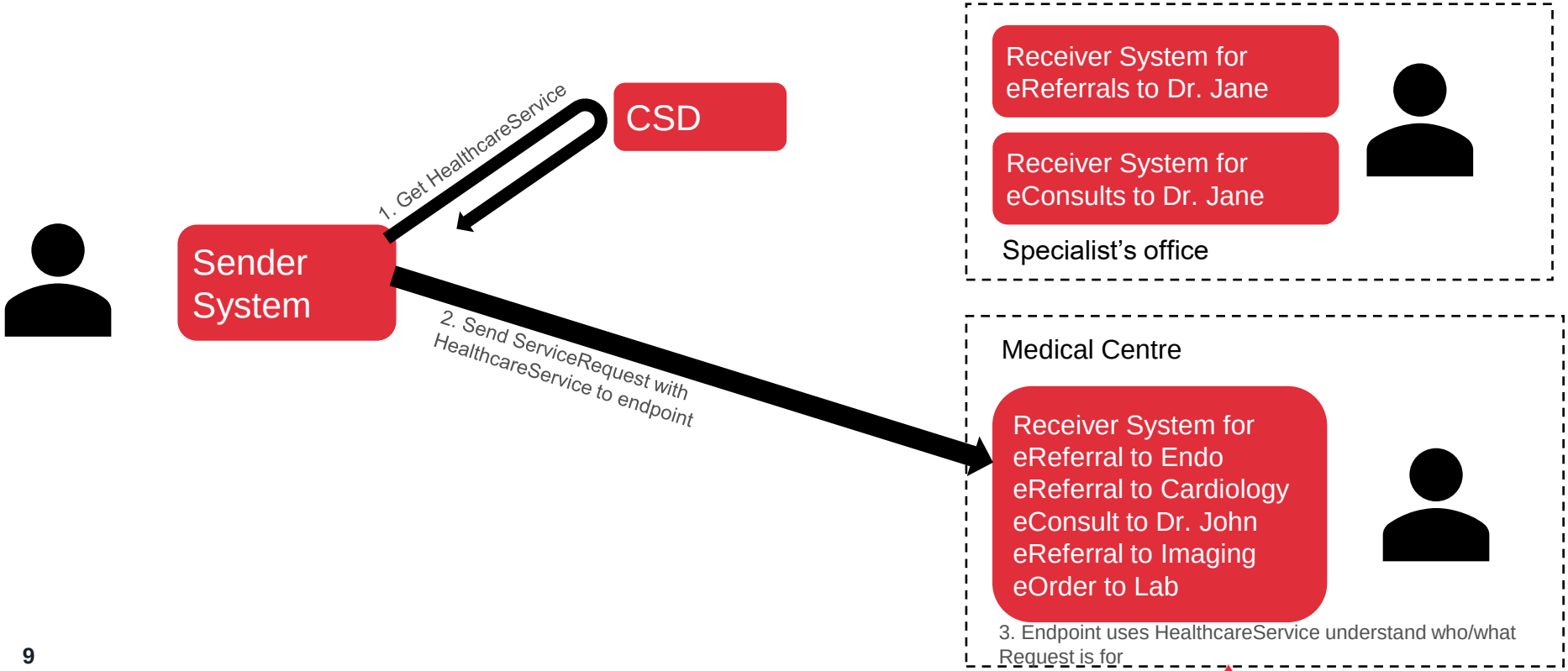
Context 2: Direct Referral



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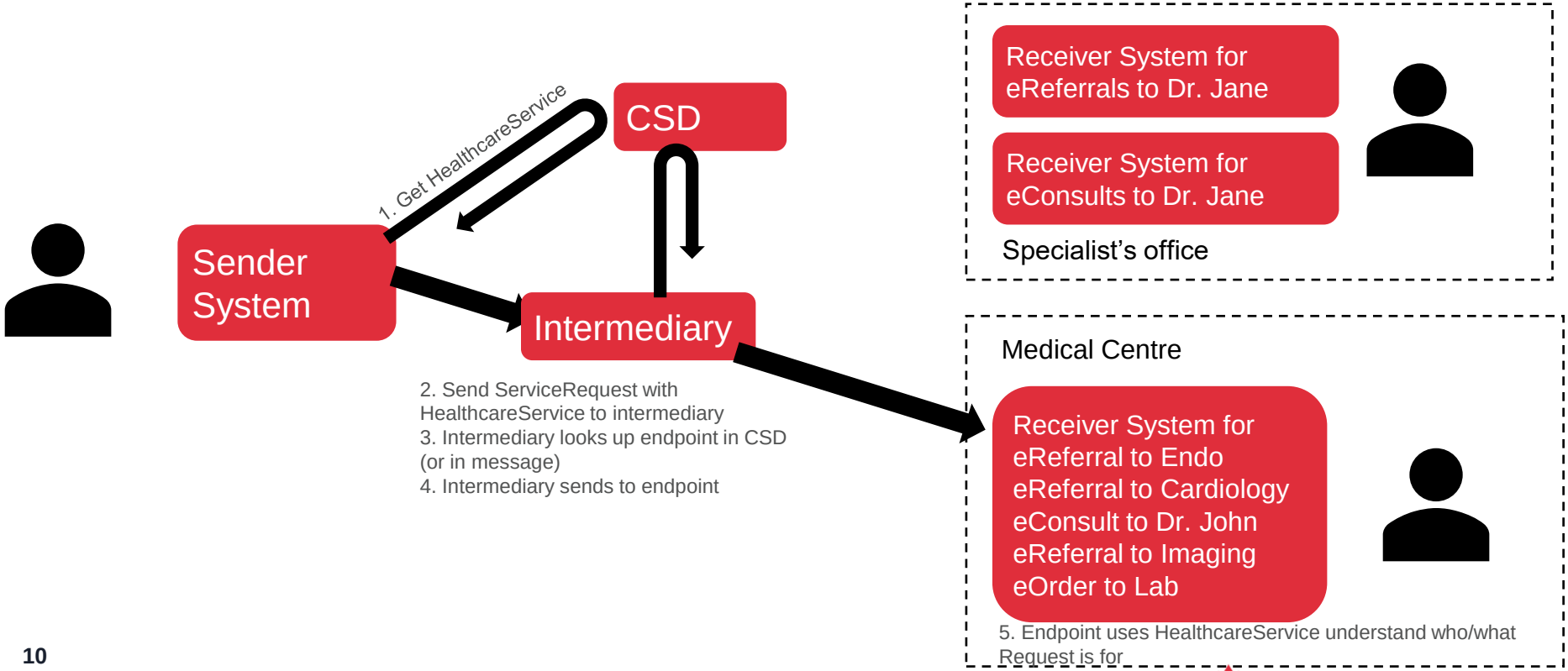
Context 3: Referral with intermediary



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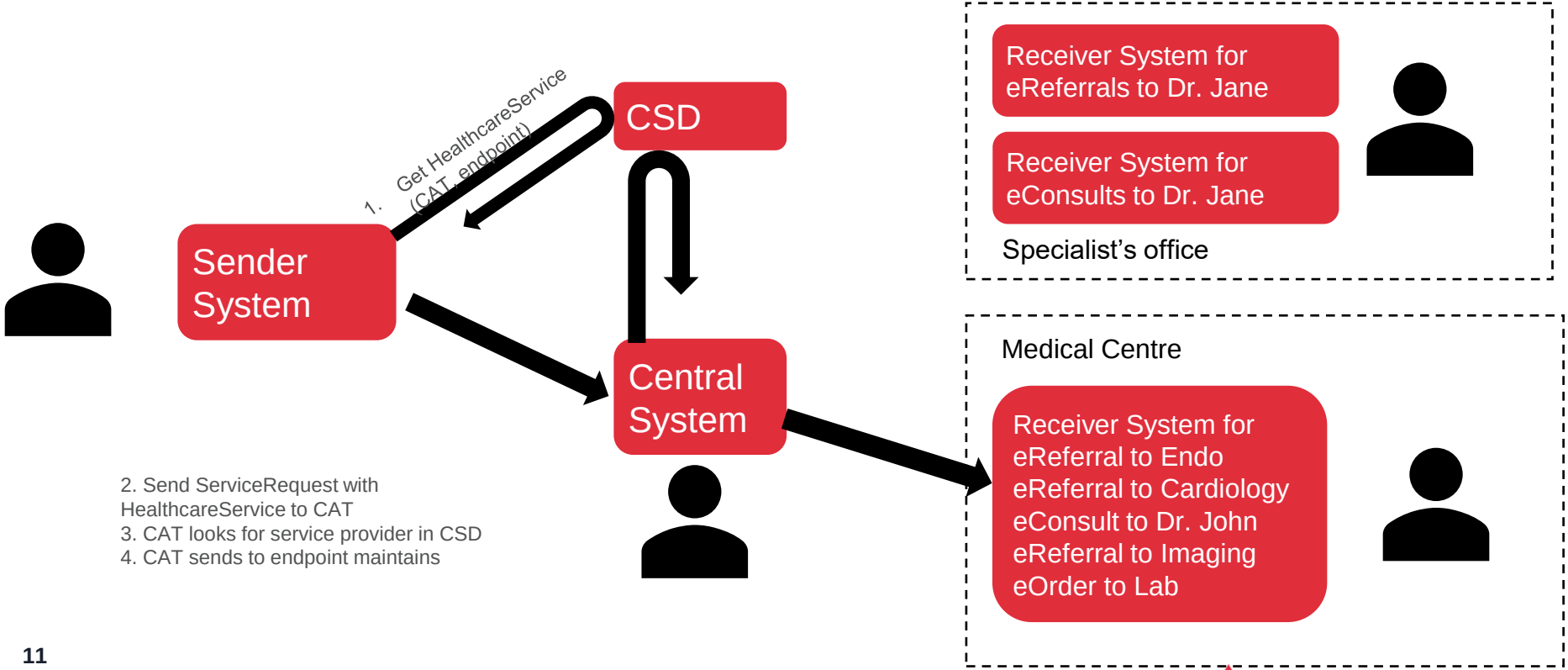
Context 4: Referral with central intake / CAT



2. Send ServiceRequest with HealthcareService to CAT
3. CAT looks for service provider in CSD
4. CAT sends to endpoint maintains

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Discussion:

ER-41 – Identifying differences between eReferrals and eConsults

- Consideration:
  - In CAT flow, CAT is responsible for making sure that the request is complete, appropriate and assigned to / accepted by an appropriate service provider
  - CAT needs a simple way to recognize “eConsult” vs “eReferral”, prefers element on the ServiceRequest (extension?)

- What are other options, documents to reference?

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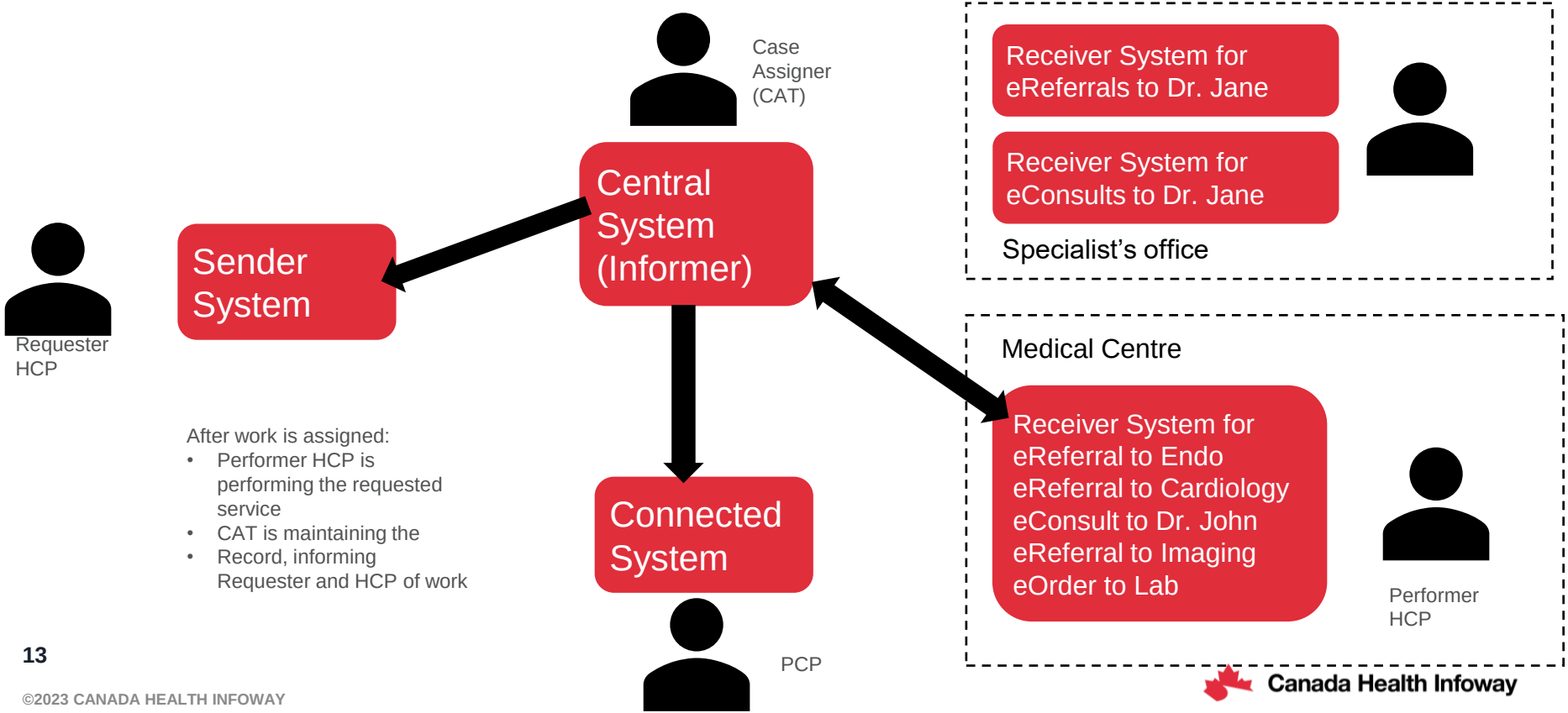
Context 5: Case Assigner as Performer



After work is assigned:

- Performer HCP is performing the requested service
- CAT is maintaining the
- Record, informing Requester and HCP of work

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Discussion

ER-42: ServiceRequest having multiple performers

Options:

- Multiple Tasks, each with a Task.owner
  - Issue when ServiceRequest is focus of payload sent the 3rd parties
  - Task.owner (PractitionerRole
- Multiple ServiceRequest.performer (1:*)
  - Issue for intermediaries supporting message routing to requested service
  - May require extension to distinguish ”performer
- Extensions

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Discussion

ER-48 - Clarification of use of HealthcareService in messaging

Issue: CAT isn't a person, distinct "services" provided by a single organization in for different services / locations (Calgary Ortho CAT)

Previous discussion:

MessageHeader.author 1..1

- Definition from IG:
  - identifies the person who initiated the event
  - **SHALL** be populated with a reference to a StructureDefinition: PractitionerRole Profile resource included as a message Bundle.entry
- Suggestion to make this an optional element

Additional consideration:

Task.owner 0..*

- a reference to the PractitionerRole responsible for handling the referral
- if the Task is being transmitted via messaging, this element SHALL either:
  - .reference a resource included in the message as a Bundle.entry, or
  - include an .identifier previously known to both systems

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