

Integrated Care Pathways

Data and information flows

Software Vendor Webinar #1

DATE: Tuesday 22 August 2023



**He Kaupare. He Manaaki.
He Whakaora.**
prevention. care. recovery.

Today's Objectives



1. Recap
Progress to date



2. Service deep dive
Two APIs



3. Q&A
Staying connected

Data and information flows

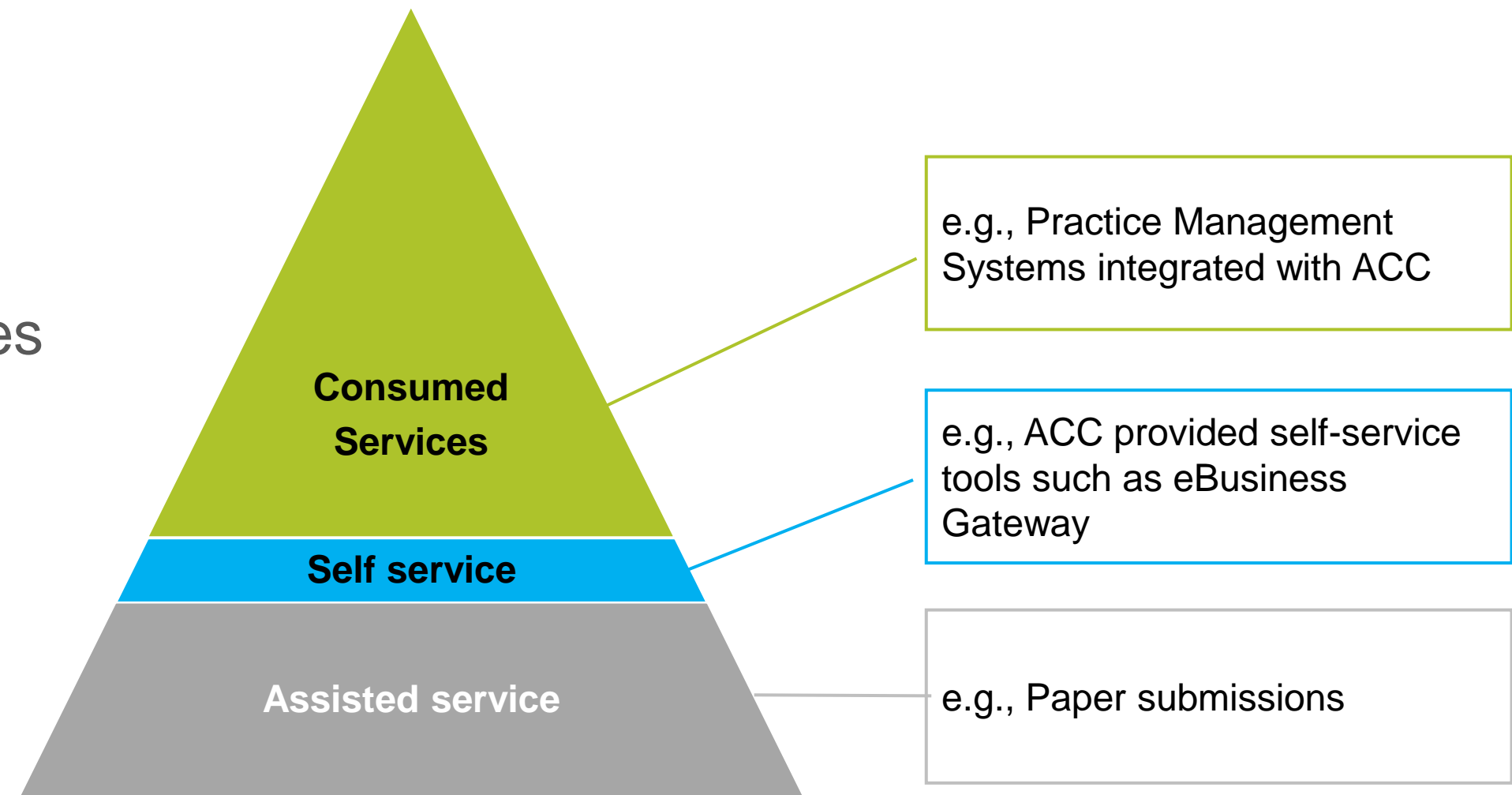
Recap

As a reminder:

September 2022:	Announcement of ACC's Integrated Care Pathways (ICP) provider-led service delivery model designed in partnership with the sector
December 2022:	Escalated Care Pathways (ECP) pilot continues to show positive benefits after three years and helped ACC design Integrated Care Pathways (ICP) - a standardised service delivery model
19 January 2023:	Our new approach to managing people with injuries requiring co-ordinated rehabilitation services was advised to our software vendors
28 February & 2 March 2023:	We ran two webinars providing an overview on the business intent of ICP and the overarching solution, allowing attendees an opportunity to learn more and ask questions early.
6 July 2023:	Software vendors were updated about the ACC data and information solutions, were provided a summary of next steps, and advised of the first two upcoming ICP specific APIs; Supplier to query details and ICP case creation details

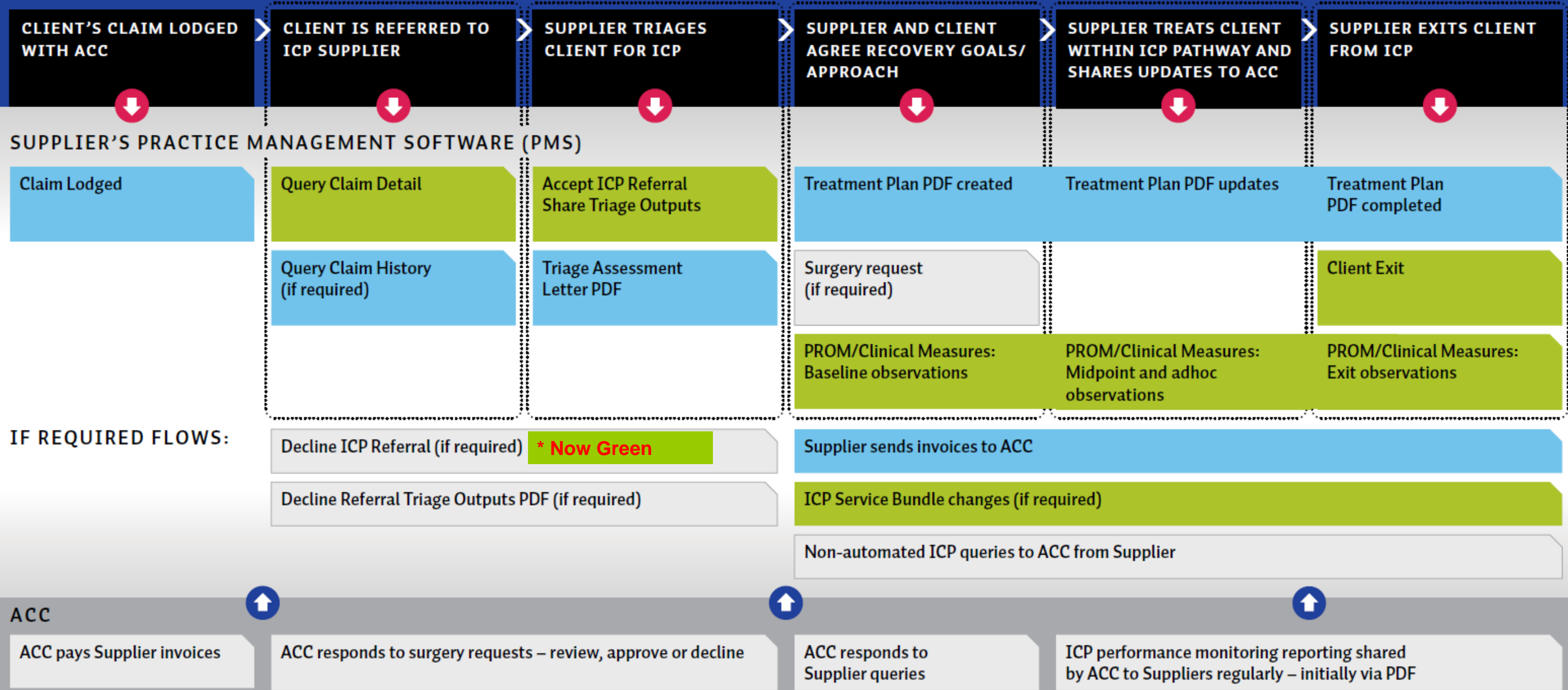
Guiding principles

- Utilise digital systems most suppliers already have
- Transparent data
- Automate as much as possible
- Continuous improvement as ICP evolves



ICPMSK – OVERVIEW OF INFORMATION FLOWS

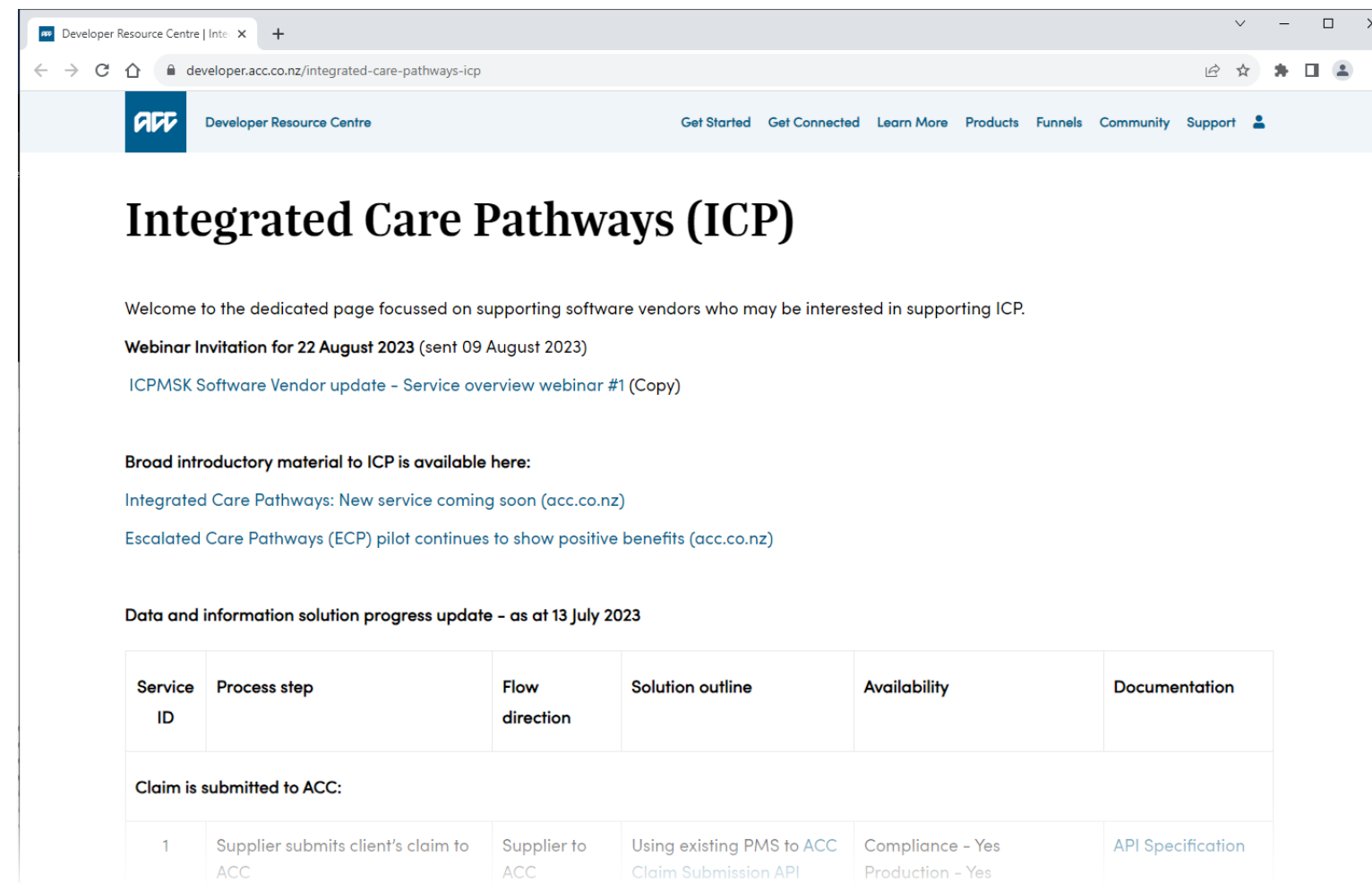
CLIENT'S JOURNEY



How to see progress

The status of all services is continually being updated on our developer website:

www.developer.acc.co.nz/integrated-care-pathways-icp



The screenshot shows a web browser window displaying the ACC Developer Resource Centre page for Integrated Care Pathways (ICP). The page includes a navigation menu with links like 'Get Started', 'Get Connected', 'Learn More', 'Products', 'Funnels', 'Community', and 'Support'. The main heading is 'Integrated Care Pathways (ICP)'. Below the heading, there is a welcome message and a webinar invitation for 22 August 2023. A table titled 'Data and information solution progress update - as at 13 July 2023' is also visible, showing details for a service step where a claim is submitted to ACC.

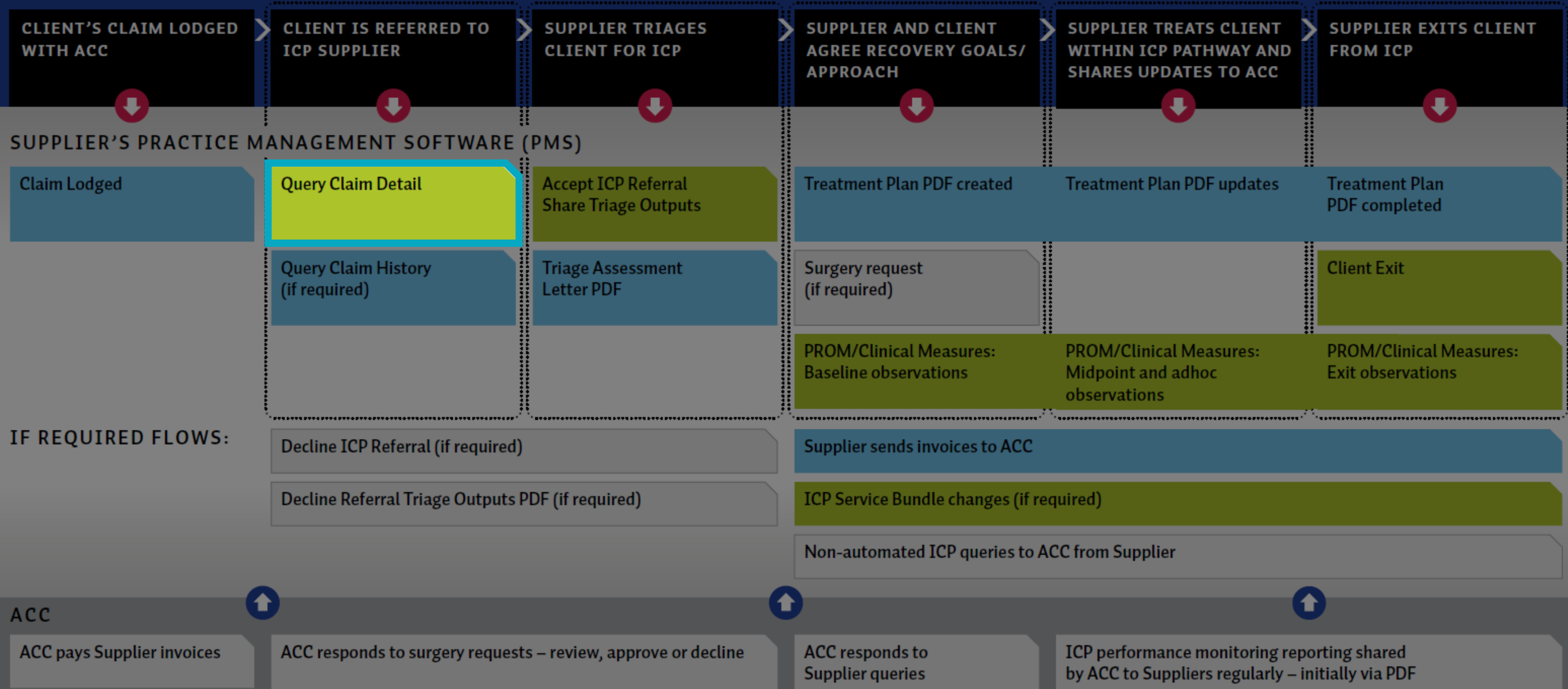
Service ID	Process step	Flow direction	Solution outline	Availability	Documentation
Claim is submitted to ACC:					
1	Supplier submits client's claim to ACC	Supplier to ACC	Using existing PMS to ACC Claim Submission API	Compliance - Yes Production - Yes	API Specification

Data and information flows service deep dive

ICP Claim Query

ICPMSK – OVERVIEW OF INFORMATION FLOWS

CLIENT'S JOURNEY



ICP Claim Query overview

Once a client is referred to an ICP supplier, suppliers can request more detail about the referred claim to help them review the client for their eligibility and appropriateness for ICPMSK.

This is a new comprehensive query that returns more information than the existing claim query.

The new information includes additional data about the patient's injury, more details about the supports being provided by ACC, and information about the patient's incapacity.

ICP Claim query information

When a supplier provides:

- ACC45 claim number
- Patient's date of birth
- ACC Vendor ID
- ACC Provider ID

They will receive the following information back from ACC:

Claim, client, lodging provider details

- Claim numbers
- Cover status of the claim
- **'Care' indicator, if active**
- **'Vulnerable situation' indicator, if active**
- **Provider HPI number**

Diagnosis details

- Diagnosis code type
- Diagnosis code(s) of covered injury(s)
- Diagnosis description(s) of covered injury(s)
- Diagnosis injury side(s) of covered injury(s)

Accident details

- **Accident description**
- Accident date
- **Did the accident happen at work? (Y/N)**

Incapacity details

- **Incapacity type (fit for selected duties or fully unfit)**
- **Incapacity source type**
- **Incapacity start date**
- **Incapacity end date**
- **Incapacity hours per day**
- **Incapacity days per week**
- **Incapacity physical restrictions**

Weekly compensation and service details

- **Weekly comp days paid**
- **First date weekly comp entitlement**
- **Latest date weekly comp entitlement**
- **Services received, volumes by each service type and date they occurred**

Technical Details – ICP Claim Query API

This new ICP Claim Query API:

- Will be added as a new operation to the existing Claim Query API
- Uses existing HealthLink DigiCerts and API Keys.
- GET <https://provider.compliance.acc.co.nz/api/v2/claims/icp/{claimNumber}>
- Will be processed as a synchronous request, but expected to be slightly slower than existing claim query responses.
- Requires specific “ICP” permission; process supported by the ACC Digital Operations team.

ICP business rules

Validation of eligible claims

The response from this “ICP-Query” API has been tailored to ICP. It includes business rules regarding which claims are eligible for ICP and will return specific validation/error messages in certain circumstances:

- If the claim has a cover status of ‘Held’ or ‘Declined’ it will return an error saying the claim cannot be entered into ICP.
- If the claim is managed by a Third-Party Administrator it will return an error message to that effect, and that it can’t be entered into ICP.
- Certain types of claims (e.g. sensitive, mental injury) will get an error saying they're simply not eligible for ICP.

In these situations, no other data is returned.

ICP business rules - continued

Assessment required

Querying other types of claims may result in an error being returned saying it “requires assessment from an ACC staff member before it can be entered into ICP”.

In those situations, if ACC determines it to be eligible, a staff member will add a flag to the claim to allow it to proceed. The query can be re-executed to obtain the data.

These validations have been built into all ICP-specific API flows.

Learn more & get connected

Is it in compliance yet? Yes

Is it in production yet? Targeting October 2023

Are the API specifications available? Yes, the API Specification is [here](#)

Is there user interface guide? No, the pattern is very similar to the existing query products

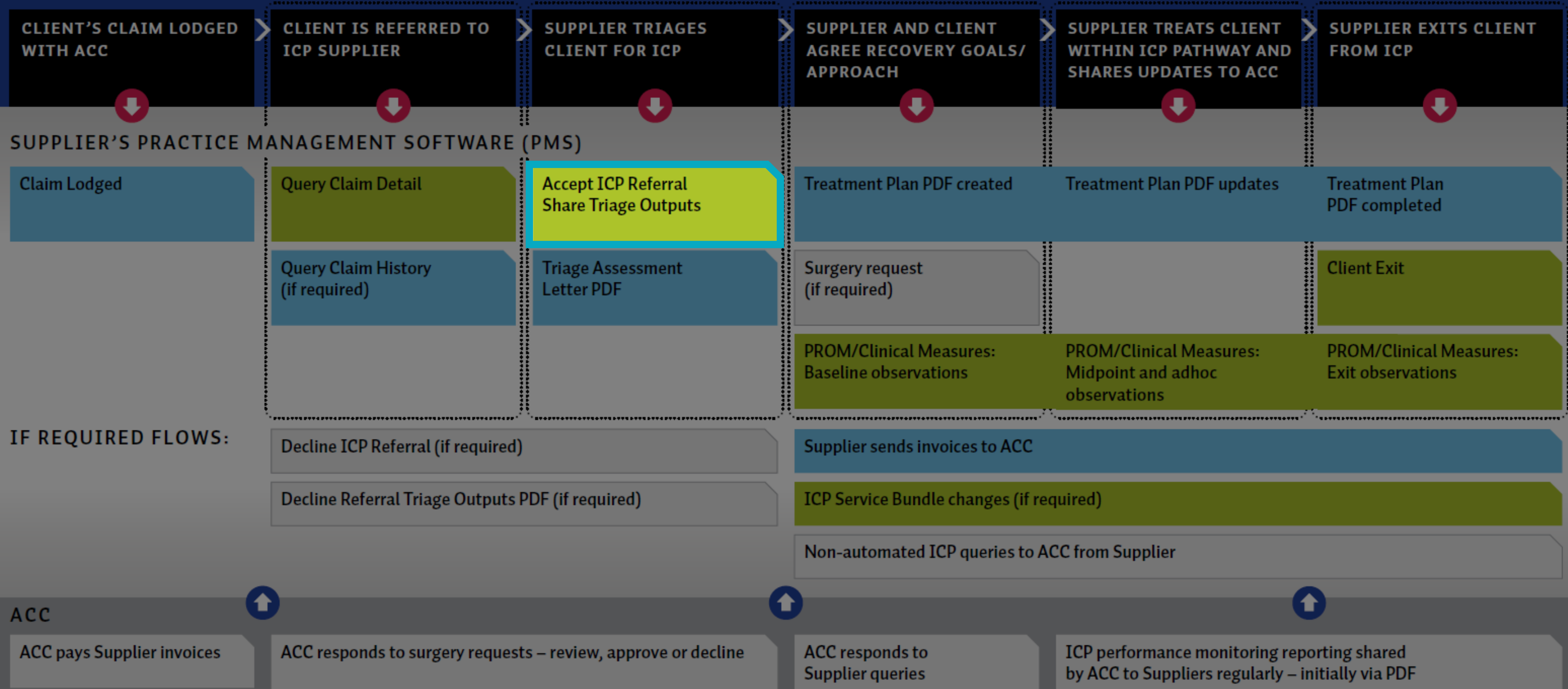
Any questions on getting connected? Talk to Digital Operations ([see slide 27](#))

Data and information flows service deep dive

ICP Case Create

ICPMSK – OVERVIEW OF INFORMATION FLOWS

CLIENT'S JOURNEY



ICP Case Create overview

Following the triage assessment, the supplier's PMS will share the triage outputs and referral acceptance to ACC. This represents the start of the ICP case.

The ICP Create Case API is the first FHIR API offered by ACC.

FHIR is the international standard for communicated structured personal health information via APIs.

This API uses the same business rules as ICP Query Claim.

Triage information

Selected triage data and ICP referral acceptance shared with ACC by the supplier, which will include:

Triage information

- Status
- ICP service type
- Date referral received by Supplier
- Date of triage assessment
- Date client entered ICP
- Referral source type
- Diagnoses in scope for ICP
- Service bundle
- Exceptional funding required with supporting details
- Complexity tool outputs

Client authorisation

- Client ICP participation agreement
- ACC Client Authority

Technical Details - ICP Case Create API

The new ICP Case Create API:

- Is built as a new FHIR API
- Uses the same API authentication mechanisms as existing services (API Key & HealthLink DigiCert)
- Makes use of the same “ICP” permission used for the ICP query (mentioned above).
- Also processed as a synchronous request
- Our Implementation Guide: <https://build.fhir.org/ig/acc-fhir-publisher/icp/>
- POST/PUT <https://provider.compliance.acc.co.nz/fhir/v1/integratedcarepathway>

Technical Details - ICP Case Create API

All the ICP FHIR operations will be on the same path, just with different “profiles”:

- **IcpCaseCreate:** to capture acceptance, triage and bundle selection details
- **IcpCaseModify:** to capture change of service bundle or a need for exceptional funding
- **IcpCaseExit:** to notify ACC of a patient being exited from their ICP service.
- **IcpReferralDecline:** to notify ACC of ICP referrals being declined, and to provide triage assessment details (if applicable)
- **IcpMeasurementClinical & IcpMeasurementProm:** to provide clinical & functional measure details

Implementation guide

Our Implementation Guide: <https://build.fhir.org/ig/acc-fhir-publisher/icp/>

New Zealand ICP Implementation Guide
0.1.0 - ci-build

IG Home Profiles Extensions Terminology Naming Systems API Table of Contents Artifact Index Support

Table of Contents > IG Home

New Zealand ICP Implementation Guide, published by Accident Compensation Corporation. This is not an authorized publication; it is the continuous build for version 0.1.0). This version is based on the current content of <https://github.com/acc-fhir-publisher/icp/> and changes regularly. See the [Directory of published versions](#)

1 IG Home

Official URL: http://hl7.org.nz/fhir/ImplementationGuide/hl7.org.nz.fhir.icp	Version: 0.1.0
Draft as of 2023-08-16	Computable Name: icp

1 New Zealand ICP Implementation Guide

This is the Integrated Care Pathways Implementation Guide (IG) for New Zealand, provided by ACC, and contains the profiles and extensions used for PMS Vendors to create and manage ICP claims. This IG also includes relevant terminology.

The following tabs are available from the navbar at the top.

- New Zealand ICP Implementation Guide
 - Profiles
 - Extensions
 - Terminology
 - Naming System
 - Artifact Index
 - Support

1.1 Profiles

This tab lists all the profiles defined in this guide. A profile is a set of constraints on a [Resource](#) or [Data Type](#) - for example, the [ICP Case Create](#) resource has a profile defined for it in this guide. The profile defines which elements are required, and which are optional, and may also define additional constraints on the data in those elements. The ICP Case Create profile also defines that the 'patient' element must have a contained [ICP Patient](#) resource.

1.2 Extensions

This tab lists all the extensions defined in this guide, where an extension is an additional element that can be recorded in a resource. The extension definition describes the purpose of the extension, its name and [dataType/s](#).

Clicking on the link in the 'id' column will display the detail page for that extension. Extensions can have a single value, or can be composed of multiple 'child' elements - an example is the [Exceptional Funding Extension](#) extension. The snapshot tab in the details page (about halfway down) lists all the parts of the extension - including a link to the ValueSet if the element is coded.

1.3 Terminology

This tab lists the terminology artifacts defined in this guide. There are 2 artifacts that will be found here:

1. ValueSet of use case of codes. Derived from non-accident code systems. Intended for use to coded data elements in Resources, as defined for a particular performance role. Link

Learn more & get connected

Is it compliance yet? Targeting October 2023

Is it production yet? Targeting prior to Xmas 2023

Are the API specifications available? Yes, Implementation Guide is [here](#)

Is there user interface guide? Yes, User Interface Guide is [here](#)

Any questions on getting connected? Talk to ACC Digital Operations ([see slide 27](#))



What's next

Next webinar

The next webinar will cover the **Clinical and Functional Measures** solution, as well as **Client Exit** solution.

Date is to be confirmed – targeting mid to late September

The status of all services is continually being updated on our ACC developer website:

www.developer.acc.co.nz/integrated-care-pathways-icp

How to get connected

Digital Operations Process

How to take advantage of ICP:

1. **Register:** Register for the [Developer Resource Centre](#)
2. **Create:** Create your app to access our compliance environment
3. **Build:** The Digital Operations team is available to answer any questions
4. **Test:** We'll support you to test and refine your product
5. **Launch:** Go live in production and enjoy all the benefits ICP has to offer

Q&As

Stay connected

ACC Provider Updates

Website: www.acc.co.nz/icp

Developer's site: <https://developer.acc.co.nz/integrated-care-pathways-icp>

Email: integratedcarepathways@acc.co.nz