

# Integrated Care Pathways

Data and information flows

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Software Vendor Webinar #2

DATE: Tuesday 19 September 2023



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

# Today's Objectives

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**1. Recap**  
Progress to date



**2. Service deep dive**  
Two APIs



**3. Q&A**  
Staying connected

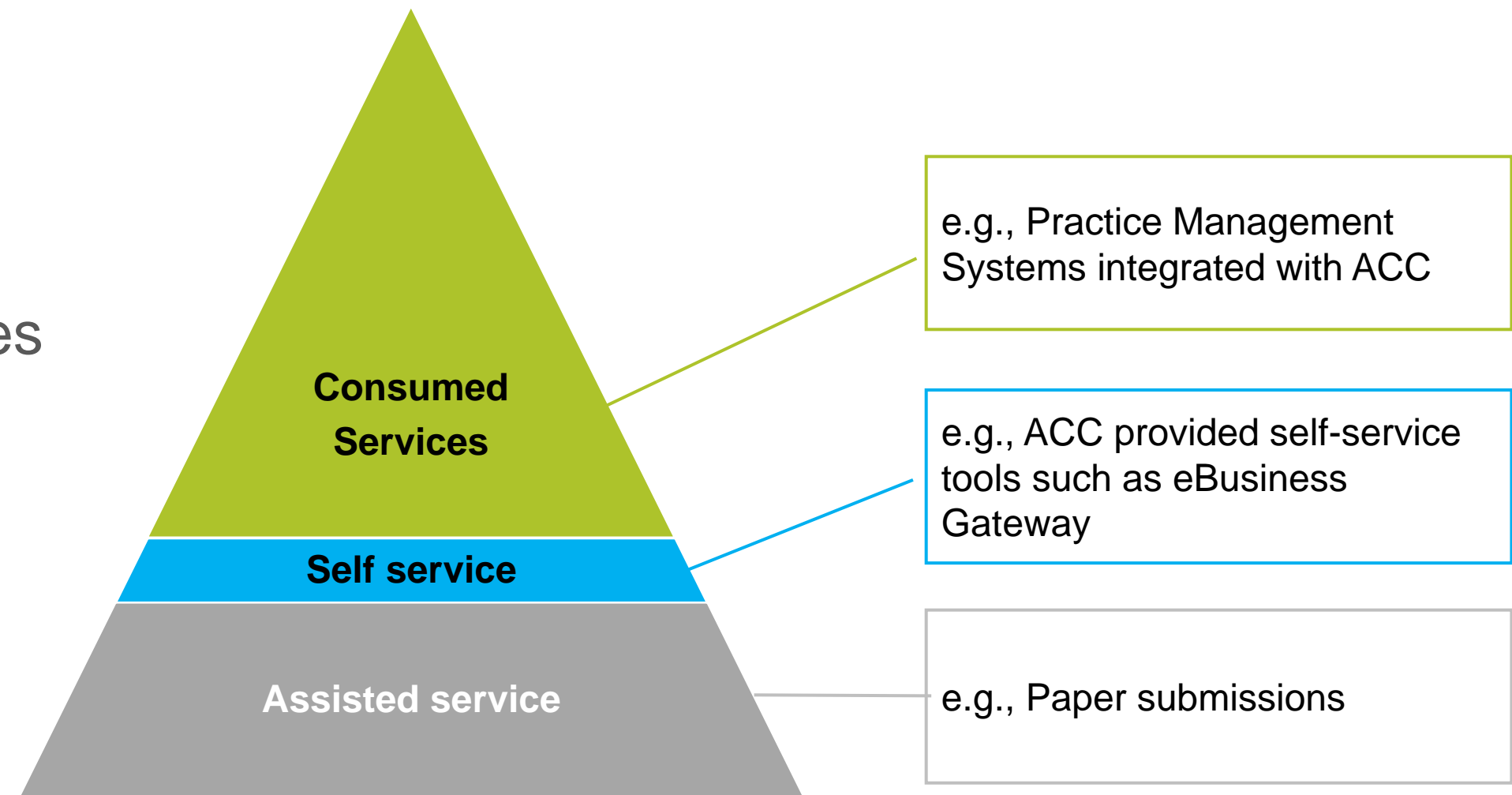
# Recap

<b>September 2022:</b>	Announcement of ACC's Integrated Care Pathways (ICP) provider-led client management model designed in partnership with the sector
<b>December 2022:</b>	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
<b>19 January 2023:</b>	Our new approach to supporting people with injuries requiring co-ordinated rehabilitation services was advised to our software vendors
<b>28 February &amp; 2 March 2023:</b>	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.
<b>6 July 2023:</b>	Software vendors were updated about the ACC data and information solutions, summary of next steps, and advised of the first two upcoming ICP specific APIs; Supplier to query details and ICP case creation
<b>22 August 2023:</b>	Software Vendor Webinar on - first deep dive of new ICP services: <ul style="list-style-type: none"><li>• ICP query claim detail API</li><li>• ICP case creation API</li></ul>
<b>19 September 2023</b>	Software Vendor Webinar on ICP – second deep dive of new ICP services: <ul style="list-style-type: none"><li>• ICP PROM and Clinical Measurements API</li><li>• ICP Client exit API</li></ul>

# Guiding principles

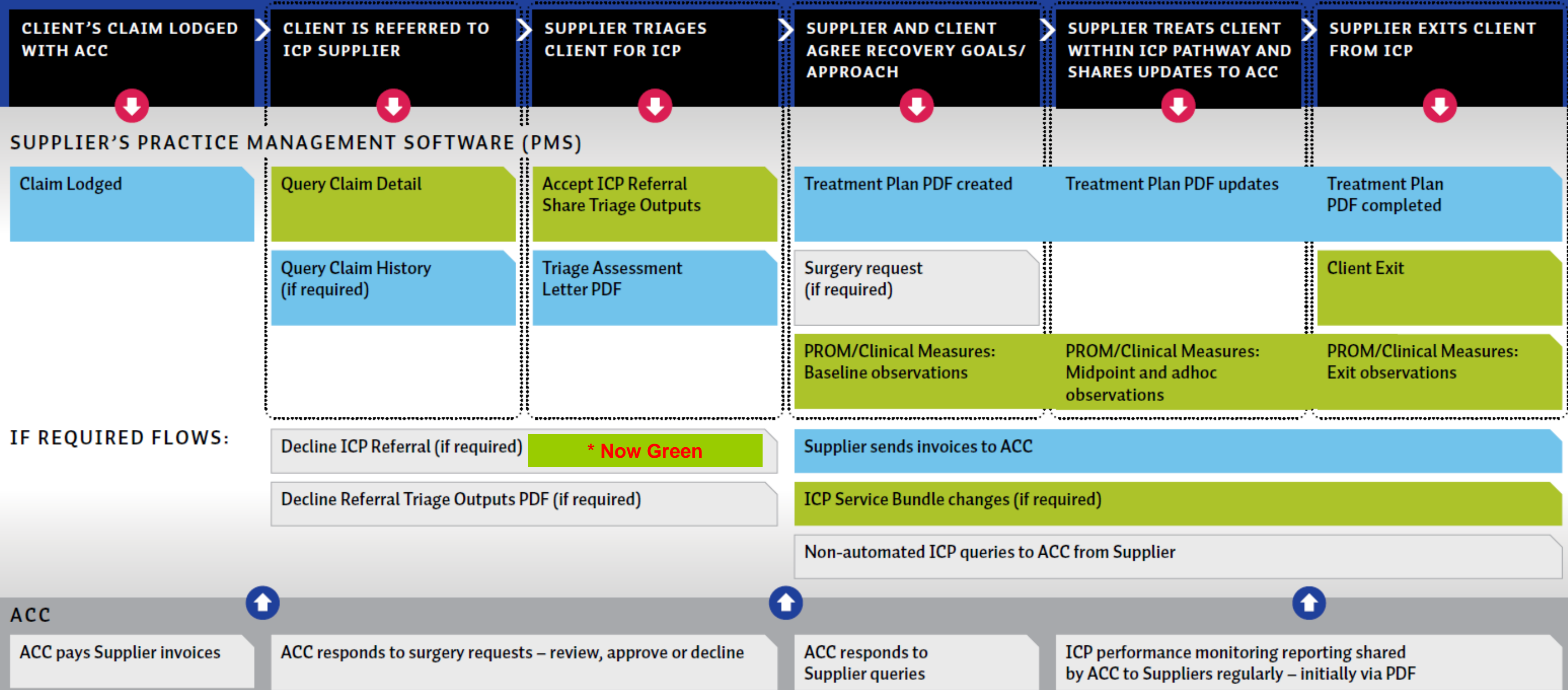
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- Utilise digital systems most suppliers already have
- Transparent data
- Automate as much as possible
- Continuous improvement as ICP evolves



# ICPMSK – OVERVIEW OF INFORMATION FLOWS

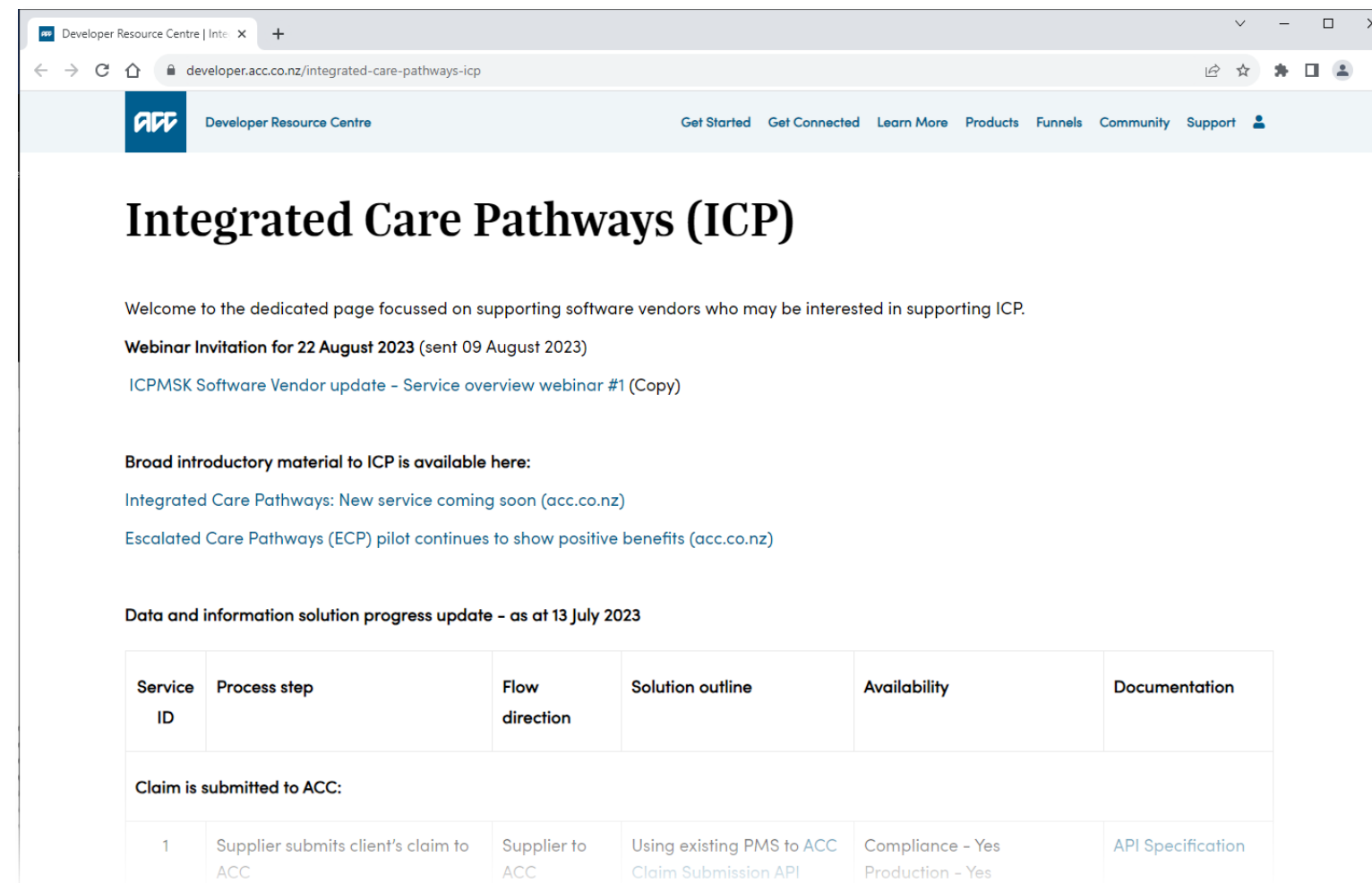
## CLIENT'S JOURNEY



# 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](http://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 displayed, showing the progress of various services.

Service ID	Process step	Flow direction	Solution outline	Availability	Documentation
<b>Claim is submitted to ACC:</b>					
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

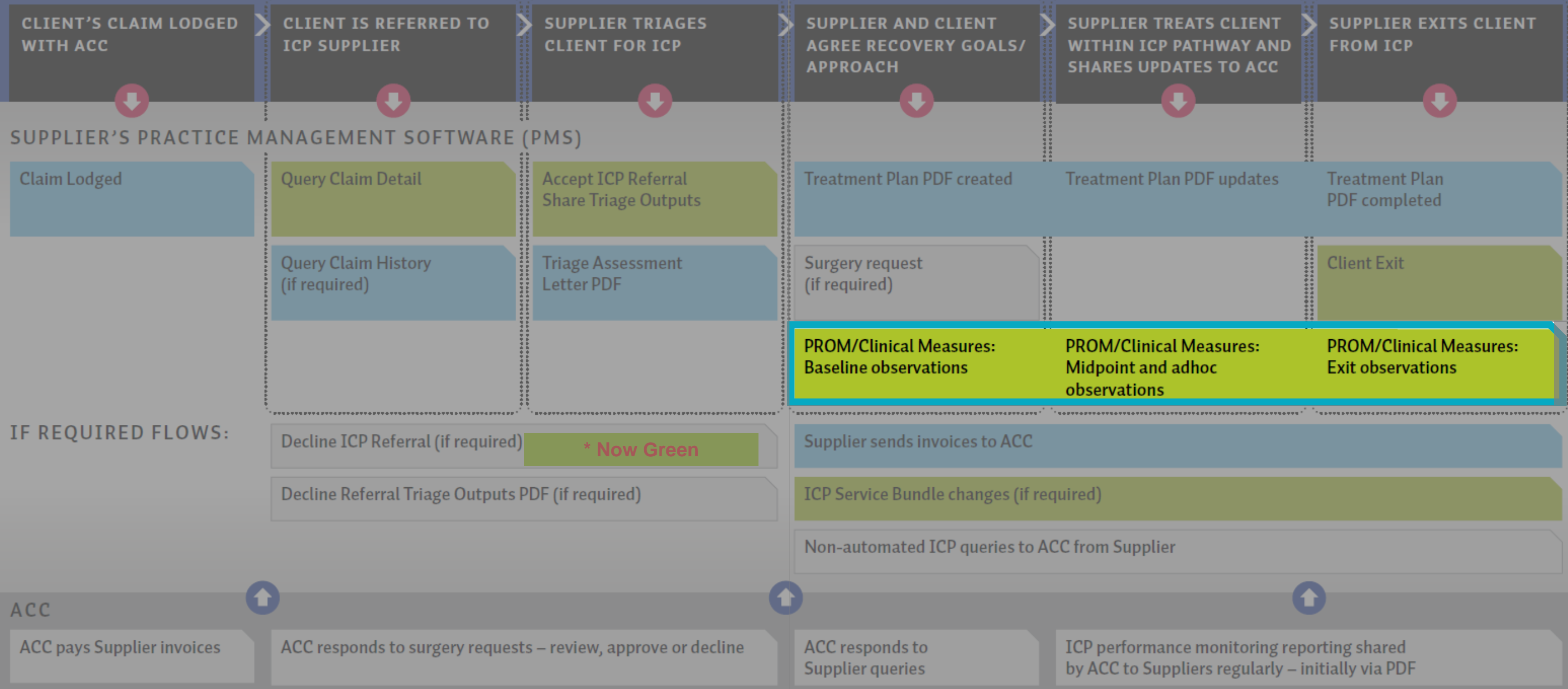
# Data and information flows service deep dive

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ICP Measurement Clinical & ICP Measurement PROM

# ICPMSK – OVERVIEW OF INFORMATION FLOWS

## CLIENT'S JOURNEY





# Patient Reporting Outcome Measures (PROM) and Clinical Outcome Measures

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Providers will capture clinical and functional measures at key points during a client's recovery journey:

- baseline,
- mid-point, and at
- exit of the pathway.

## Patient Reported Outcome Measure (PROMs)

- Shoulder – QuickDASH
- Lower back – Oswestry
- Knee – KOOS

## Clinical Outcome Measure

- Shoulder abduction 45 degrees – Hand-held dynamometer
- Lower back neutral prone extension – Hand-held dynamometer
- Knee extension – Hand-held dynamometer OR
- Knee extension - Isokinetic dynamometer

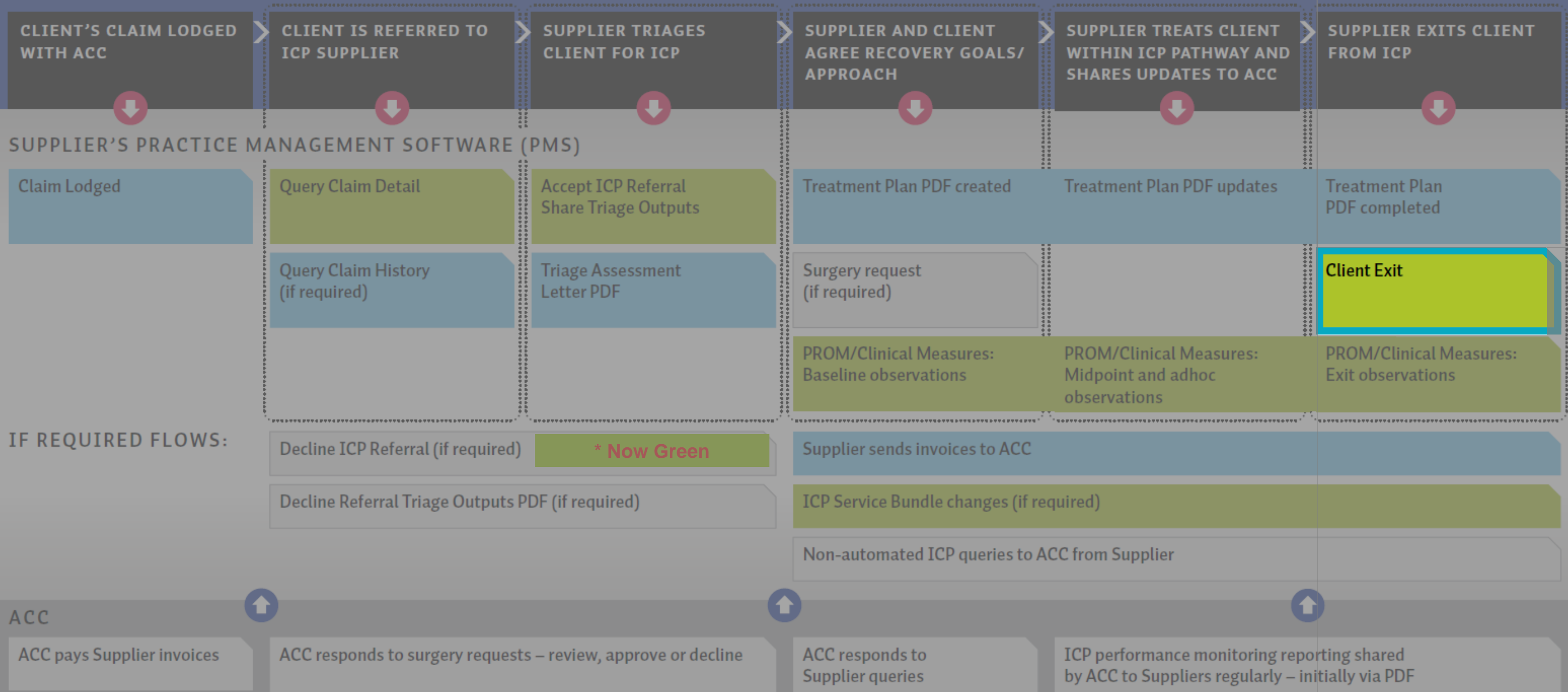
# Data and information flows service deep dive

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ICP Client Exit

# ICPMSK – OVERVIEW OF INFORMATION FLOWS

## CLIENT'S JOURNEY



# ICP Client Exit information

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When a client either achieves their recovery goal or exits early for another reason, the Supplier will share the ICP Client Exit data, which includes:

## Exit information

- Exit date
- Exit reason:
  - Recovery goal achieved
  - Recovery goal partially achieved
  - Recovery goal not achieved
  - Non-compliance
  - Client opts for alternate ACC services
  - New ACC diagnosis (out of ICPMSK scope)
  - Not eligible under ACC
  - Client moved out of region
  - Other - if other please specify
- Exit reason supporting details

## Supporting information:

- Additional support needed
- Outcome summary

# Technical details & further information

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# Technical Details for these 2 APIs

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- Built as a new FHIR API
- Uses the same API authentication mechanisms as existing services (API Key and HealthLink DigiCert)
- Makes use of the same “ICP” permission set as previous ICP services:
  - ACC45 claim number
  - Patient’s date of birth
  - ACC Vendor ID
  - ACC Provider ID
- Also processed as a synchronous request

# ICP FHIR APIs

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

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

# Status & documentation

## Are the API specifications available?

Yes, use FHIR implementation guide available [here](#)

## Are they in compliance yet?

Targeting late Oct/ early Nov 2023

## Are they in production yet?

Targeting prior to Xmas 2023

## Any questions on getting connected?

Talk to ACC Digital Operations ([see slide 20](#))

**New Zealand ICP Implementation Guide**  
0.1.1 - 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 0.1.1). 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: <a href="http://hl7.org.nz/fhir/ImplementationGuide/hl7.org.nz.fhir.ig.icp">http://hl7.org.nz/fhir/ImplementationGuide/hl7.org.nz.fhir.ig.icp</a>	Version: 0.1.1
Draft as of 2023-08-28	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:

- [ValueSets](#) are sets of codes, drawn from one or more code systems, intended for use in coded data elements in Resources, as defined by a particular conformance rule - such as an Extension or Profile. The ValueSets in this Guide are 'recommended' values, but it may be possible for implementers to use additional concepts if the rules defined by a particular Extension or Profile permit this.
- [CodeSystem](#) resources are used to declare the existence of and describe a code system, its key properties, and optionally define a part or all of its content. Wherever possible, the use of international terminologies, such as [SNOMED CT](#), is recommended; however, a number of New Zealand-specific code systems are included in this Guide to meet unique, local requirements.



# What's next

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# Next webinar

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The next webinar will cover the last of the solutions for:

- **service bundle changes** as well as
- **decline referral** solution.

Date is to be confirmed

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

[www.developer.acc.co.nz/integrated-care-pathways-icp](http://www.developer.acc.co.nz/integrated-care-pathways-icp)

# How to get connected

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# As per ACC's regular Digital Operations Process

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## 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

# Stay connected

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ACC ICP Updates:

Website: [www.acc.co.nz/icp](http://www.acc.co.nz/icp)

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

Email: [integratedcarepathways@acc.co.nz](mailto:integratedcarepathways@acc.co.nz)

# Q&As

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