FPIM

Health Finance, Procurement & Information Management Systems

Better data, better systems for better health outcomes

Health System Catalogue

Information for Medical Device Suppliers

June 2021

MINISTRY OF HEALTH
MANATŪ HAUORA

NZ HEALTH PARTNERSHIPS
Hono Oranga Aotearoa

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BACKGROUND

There is an agreed need for a National Catalogue

On 24 June 2019, Cabinet approved the FPIM Business Case which included District Health Boards implementing a National Product Catalogue as a foundation to improve procurement and supply chain.

A detailed Health System Catalogue (HSC) business case **endorsed by all 20 DHBs and approved by the Minsters of Finance and Health in September 2020.**

A one-stop-shop of medical devices and associated sp

- DHBWide
- Single Source of Truth
- Comprehensive
- Compliant
- Powerful
- Strategic

UNLOCKING FURTHER OPPORTUNITIES

Programme Scope

In scope

- ☑ Medical Devices
- ☑ Some non medical & capital procurement managed by NZHP

- ☑ Supplier, item, contracts, schedules and pricing master data
- ☑ Spend data – yet to define if this is at time of purchase, goods receipt or invoice
- ☑ Pictures of medical devices

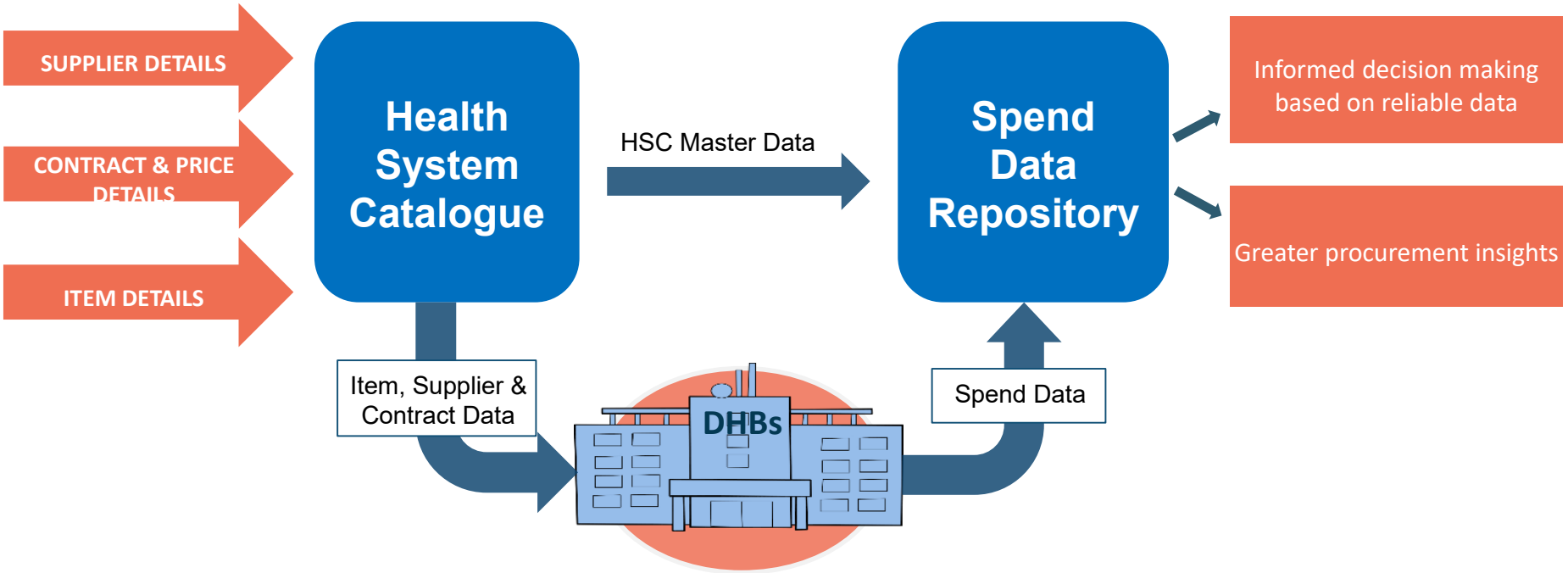
Out of scope

- ☒ Services
- ☒ Consumption data collection
- ☒ Inventory management

Medical devices
are products and equipment that are generally **used on, in or by a person for a diagnostic or therapeutic purpose**.

They include consumable and durable products, implantable and complex equipment – everything from a **cotton swab** to an **orthopedic implant** or a **home dialysis machine**.

HOW the Health System Catalogue (HSC) and Spend Data Repository (SDR) will work


SUPPLIER DETAILS
CONTRACT & PRICE DETAILS
ITEM DETAILS
Health System Catalogue
HSC Master Data
Spend Data Repository
Informed decision making based on reliable data
Greater procurement insights
Item, Supplier & Contract Data
DHBs
Spend Data

HSC High Level Plan

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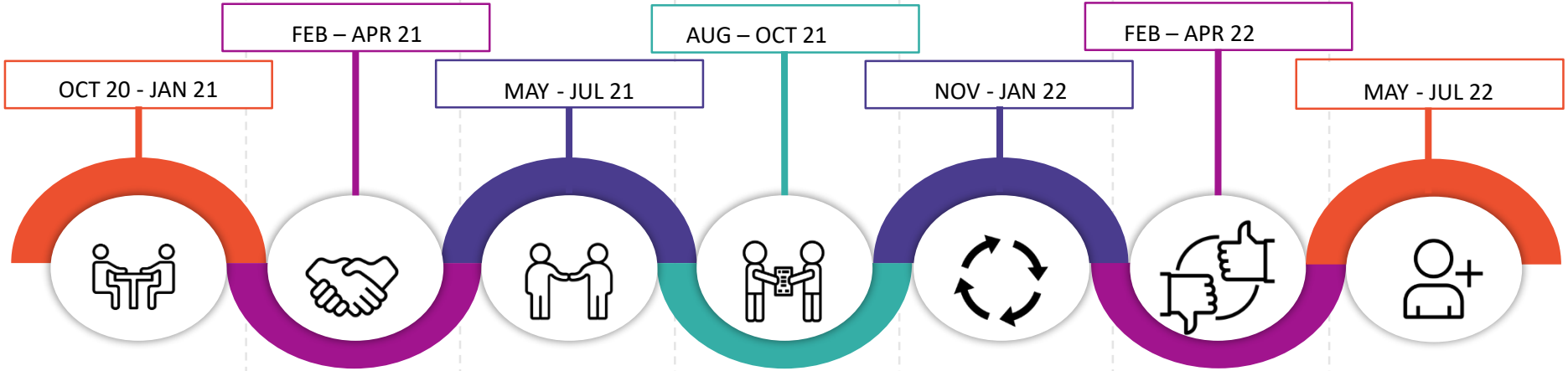

- Identify selected suppliers for POC initiative
- Working together, develop initial plan for future-state data flows

- Work with initial suppliers to:
  - Improve data sets
  - Identify challenges
  - Develop long-term data quality and maintenance processes
  - Implement POC working model
  - Consult and agree on operating model for supplier master data maintenance

- Review learnings
- Initial catalogue implementation with DHB early adopters

- Systematic on-boarding of all suppliers

Continuous engagement, review, feedback and refinement

Increment 1 | Increment 2 | Increment 3 | Increment 4 | Increment 5 | Increment 6 | Increment 7

Data Standards

A single definition of the data for items, suppliers, contracts and prices

- Enabler for HSC

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- Drives a common language
- Provides consistent information
- Improves efficiency
- Improves data flow between systems

"All DHBs and supply chain partners have one clear set of national master data standards for the purchase of medical devices".

- Ensures accurate reporting

Data issues we are addressing

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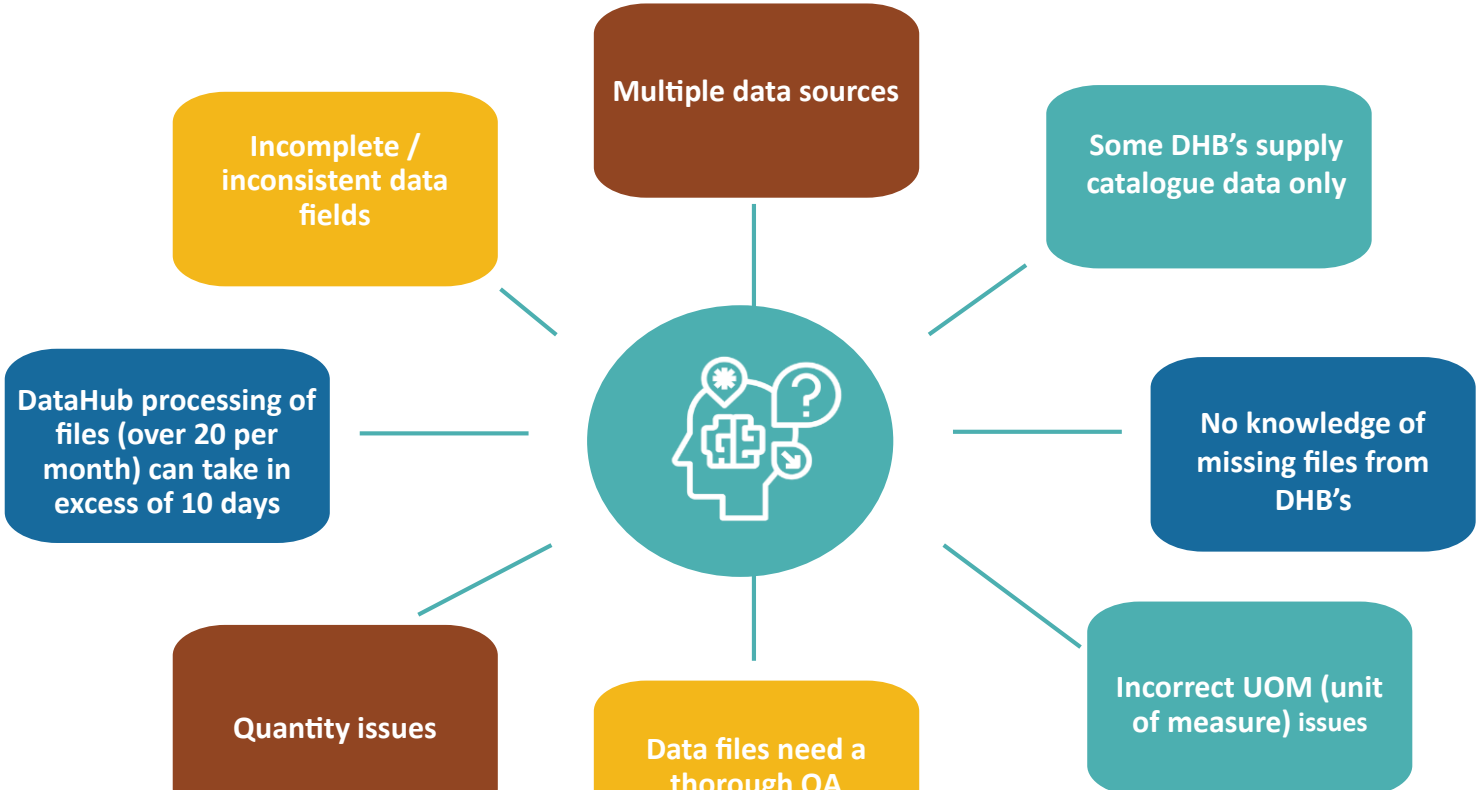
Multiple data sources
Incomplete / inconsistent data fields
Some DHB's supply catalogue data only
DataHub processing of files (over 20 per month) can take in excess of 10 days
No knowledge of missing files from DHB's
Quantity issues
Data files need a thorough QA
Incorrect UOM (unit of measure) issues

Supplier Engagement

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SUPPLIER ENGAGEMENT

- The commitment to move to GS1 standards has been made.
- It will be complex and take time, so we need to be flexible.
- A clear communication channel will be developed and maintained throughout the Programme

PHARMAC

Responsible for contracting with suppliers and managing supplier performance.

SUPPLIERS

Key NZ Health Sector participant, to ensure the supply of necessary medical devices.

GS1

Responsible for maintaining a relationship with suppliers to ensure a rich set of product information

MTANZ

Cover a significant % of non-pharmaceutical products.

NZHP

Lead supplier engagement alongside PHARMAC, supported by GS1.
Engagement with MTANZ, followed with individual suppliers.

Building the Catalogue

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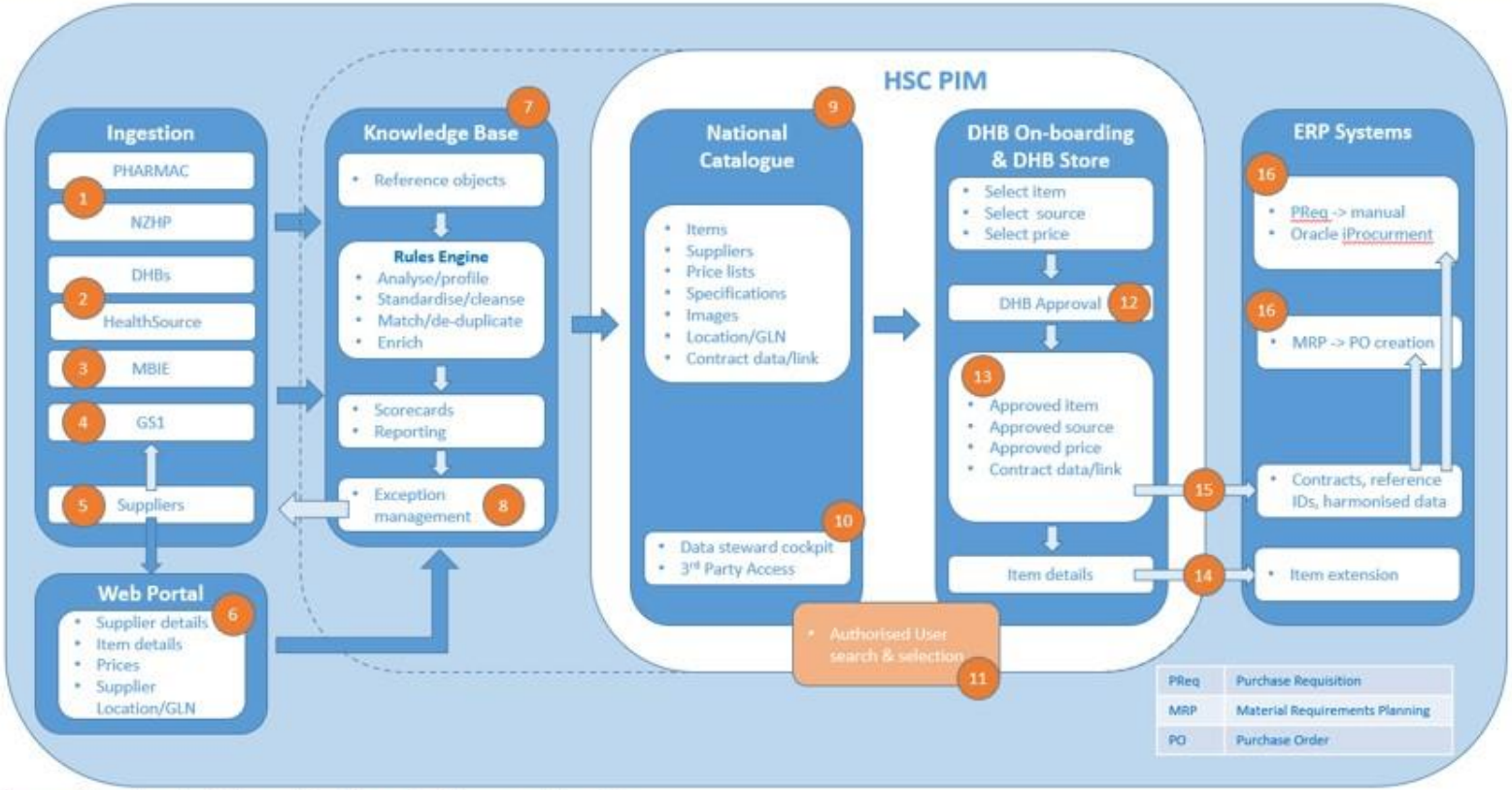
Establish baseline of products	• Baseline of data obtained from several available data sources for Medical Devices and products used throughout the public hospital sector
Close data gaps and Cleanse data based on standards	• Fill gaps in existing data (GTIN's, Manufacture details, Descriptors) • Add new required attributes (GLN's, descriptors, Packaging Hierarchy) • Sources will be from GS1, PHARMAC, ERP's
Validate data against business rules	• Ensure data is complete, accurate and usable by validating against established business rules
Publish data to stakeholders	• Data is provided to the relevant stakeholders • HSC data by way of integration with DHB ERP system • SDR data by way of user dashboards and reporting

Proposed Design - HSC