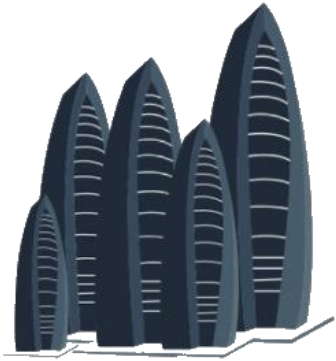




# Interoperability



# Current tech in the NZ healthcare sector



## **Siloed data**

Medical data sits in unconnected systems



## **Disjointed software**

Software used cannot receive, interpret or utilize data from other systems



## **Inability to share patient information safely**

Patients receive care from providers that cannot safely or efficiently share data about patient care

**The healthcare sector does not operate as a joined-up system**

### **Which leads to:**

- ≈ Delayed or poor sharing of medical data
- ≈ Gaps in patient health records
- ≈ Increased potential for medical errors

# The tech **WE WANT** in NZ healthcare

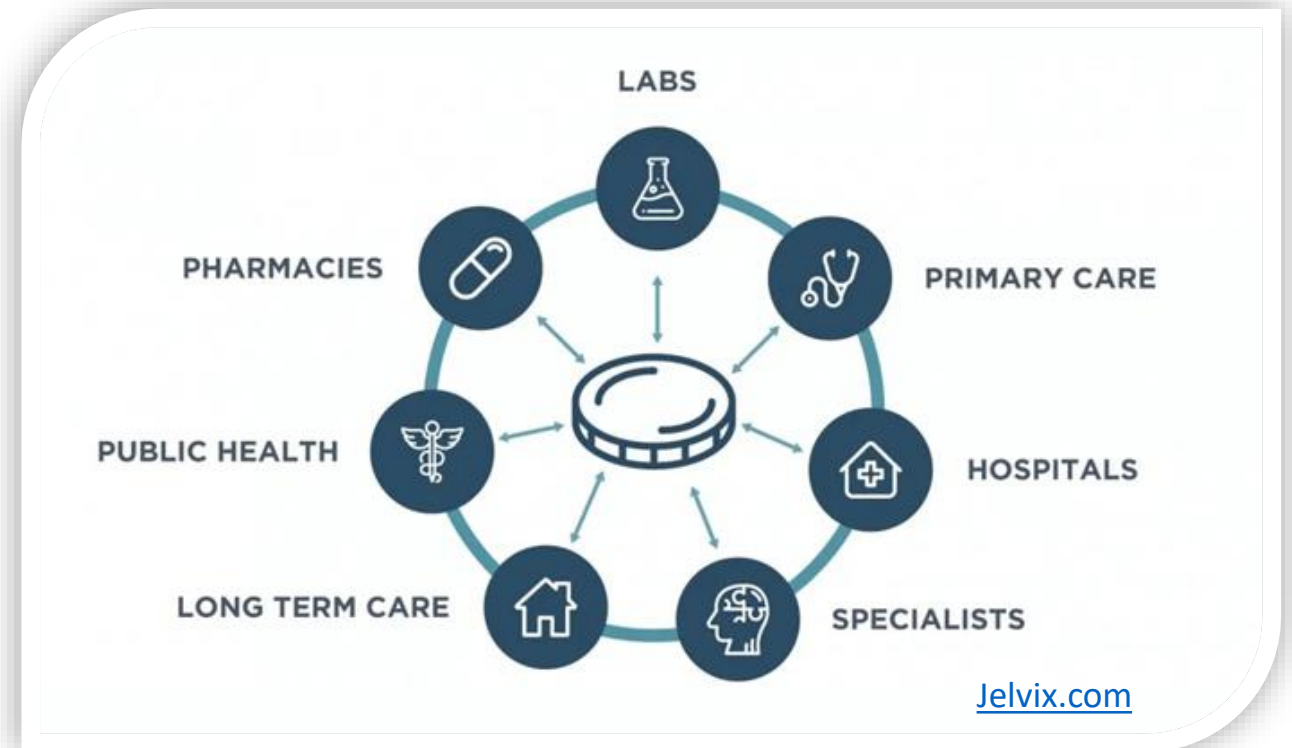


All medical software and devices share and use health data seamlessly and securely so that patient records are the one source of data accessed and used by hospitals, pharmacies, laboratories and primary care providers...

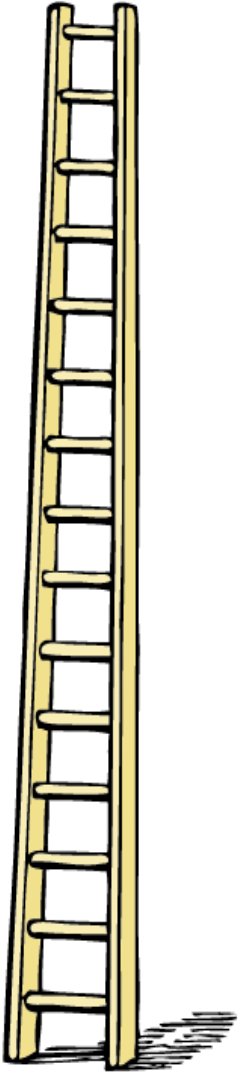
We achieve this through interoperable systems

“Interoperability ensures that health information can be accessed by patients and consumers, health workers, carers and whānau anywhere, anytime and anyhow.”

- [Interoperability roadmap](#)



# Why is interoperability important?



## Use case:

Joe fell off a ladder while pruning trees on the weekend and had to go to an after-hours healthcare provider

The provider can access Joe's medical history to inform his treatment, Joe doesn't have to remember and tell his health story.

- ✓ Better patient experience
- ✓ Secure patient data
- ✓ Quicker access to more complete patient records
- ✓ Less repetition of administrative tasks
- ✓ Accurate public health data
- ✓ Reduced medical errors caused by incomplete data

# What can we do?



Healthcare providers and vendors can :

**Transition away** from using and building on legacy and bespoke systems

**When upgrading or replacing systems, demand** systems that allow interoperability (through standard health APIs)

**Enable data sharing** whenever it is built in so that information can flow through a patient's health and well-being journey.

We can all take steps towards building a joined-up system

# What does the future hold?



Will my data from my physiotherapist, optometrist, masseuse, counsellor and my wearable fitness tracker come together with my GP health record to provide a robust and complete picture of my health and wellbeing?

Will healthcare providers and consumers be able to move through the system knowing that their data follows them?

 **Whatever the future holds, it will require systems that work seamlessly**

