

# Biosecurity New Zealand

Tiakitanga Pūtaiao Aotearoa

## Tā Mātou Kaupapa

Our Purpose | Kaitiakitanga  
Guardians of our way of life

## Biosecurity New Zealand

Tiakitanga Pūtaiao Aotearoa

### Outcomes

### Whaingā

The impact of harmful pests and diseases in NZ reduces

Our biosecurity system is stronger, including the way we run our business

Imports and exports to key markets, contribute to NZ's growth and prosperity

Everyone champions biosecurity in NZ and owns their responsibilities

### Approach | Tirohanga

Operational excellence: doing the basics well  
*Moving to shaping the future...*

### Principles | Mātāpono

*How we think about problems and solutions*

#### Treaty anchored

- Partner with *tangata whenua*

#### People centered

- Empowering our people, valuing diversity
- Tangata whenua*, farmers, growers, sector and industries

### Roles | Mahi

Leading the system, partnering and coordinating

Ensuring the right regulation, compliance and accountability

Providing the tools, systems and processes for everyone to play their part

#### System wide

- Joined up, involving others
- Long term
- Impacts of decisions

#### Science and evidence based

- Transparent, deliberate
- Full range of values including environmental, social, cultural, economic
- Invest resources based on risk and return
- Mātauranga Māori*

MPI Vision: New Zealand will be the world's most sustainable provider of high-value food and primary products.

### MPI Strategy | Tā Mātou Rautaki

VISIBLE LEADERSHIP

PROSPERITY

PROTECTION

SUSTAINABILITY

We are a net, not a wall...



# Strengthening Biosecurity Excellence in the Mail Pathway

- Collaboration between MPI, NZ Post and Customs to implement a world class processing centre in Auckland.
- Use of advanced electronic data combined with intelligence tools that will identify biosecurity threats and highlight items of zero threat.
- Investment in innovative 3D scanning technology to enable threat identification.
- Developing the construct of artificial intelligence to detect biosecurity threats.
- Implement measures to increase efficiency while designing a sustainable operating model for future threats and rising volumes.



# MPI CURRENT STATE MAIL PATHWAY



## Ministry for Primary Industries Objectives:

- To develop the mail pathway in a smarter and safer way through technology and operational enhancements.
- Continue to eliminate and mitigate Biosecurity threats and maintain New Zealand's Biosecurity system as a national asset.
- Reset responsibilities between MPI and NZ Post based on modern UPU network characteristics, Transitional Facility requirements and current legislation.
- Partner with NZ Post and NZCS to provide the safest environment for our people to work in.
- Share resources and knowledge to complement partnership objectives in the mail network.
- Increase effectiveness and efficiency to maintain close to current levels of manual effort.



# Three Fundamental Changes

**Infrastructure** – Auckland Processing Centre

**Technology** – 3D Scanning, Threat Detection Algorithms, Smart Tracking and Communication between Border Agencies and NZ Post

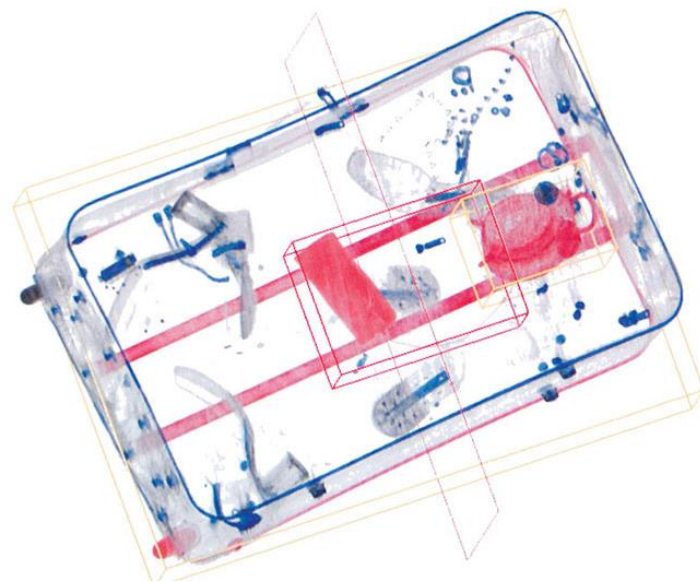
**DATA** – UPU Inbound Data (Data for Mail) prior to arrival and Agency Intelligence Engines





## Auckland Processing Centre

- Secure transport from Air Cargo Terminal
- Modern Sortation and Material Handling System
- Border Agency Designed Inspection Facilities



# 3D Scanning Technology

- Superior imaging
- Algorithm support
- Curtainless shrouds
- Small format versions for small packets



# Electronic Advance Data

- Pre-clearance of Zero Threat items
- Threat Targeting via Agency Risk and Intelligence Engines
- Data collection for development and maintenance of threat Profile Libraries



# MPI FUTURE STATE MAIL PATHWAY

