

**1-Stop**  
The Cargo Logistics platform

Increasing visibility, co-ordination & optimisation through the whole supply chain

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**Technology Overview**  
Making sense of all the tech...

1-Stop

Technology Overview

- Cloud
- IOT (Internet of Things)
- AI
- Blockchain
- APIs
- Analytics

Introducing... Intelligent Toilet Paper

How we can leverage this new technology?



Toilet paper running low at home → IOT device detects low supply → AI Platform Feeds data to AI Platform  
 Women (x4.5) Men (x3) → API Call (Combines with API call from census data on the demographics (male/female) by postcode) → Analytics Engine (Predicts when more toilet paper needs to be ordered for just-in-time delivery)

Order is made to supermarket → Supermarket ordering from supplier to restock → Supplier places order & quantity on the blockchain and is transmitted to interested parties moving the cargo from point of origin  
 Blockchain (Ensures that we have the right "toilet paper order - extra soft") → Platform (used to co-ordinate supply chain information flow and movement of cargo in the most efficient manner) → Supply is delivered to home

### The Process

All this goes on in the background system to system/machine to machine.

All the household know is that a Drone / driverless vehicle "just-in-time delivery is made."


### Who is 1-Stop Connections

**What we do**

1-Stop's objective is to continually improve productivity in the Port Community so that all users benefit from efficiency gains.

We aim to reach this through:

- Efficiency
- Collaboration
- Integration
- Innovation



### Where we are



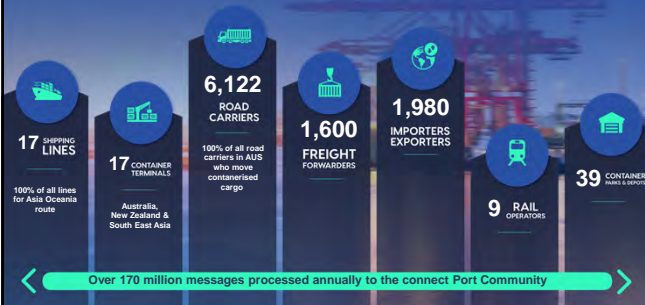
**Key:**

- CLASSIFY SITES (14)
- IMPLEMENTING (2)
- LIKELY SIGNING (2)

**Notes:**

- Implementing in:
  - Lytellon, New Zealand
  - Central America (Site 1962)
- Link Signing in:
  - 2 x in Asia Pacific



Global leader in removing port congestion through innovation

Over 170 million messages processed annually to the connect Port Community

### The Reality

Technology has been around since the 70's

2018 Conference Presentation

### Ports around the world range from manual / paper to automation







