



Port Productivity Platform

Enabling Connectivity, Efficiency and Information Sharing

Chris Harnett

1-Stop

Who is 1-Stop

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:

- Collaboration
- Integration
- Innovation



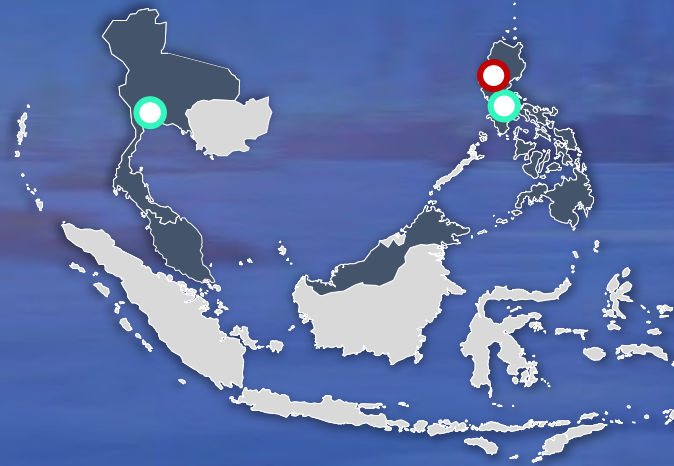
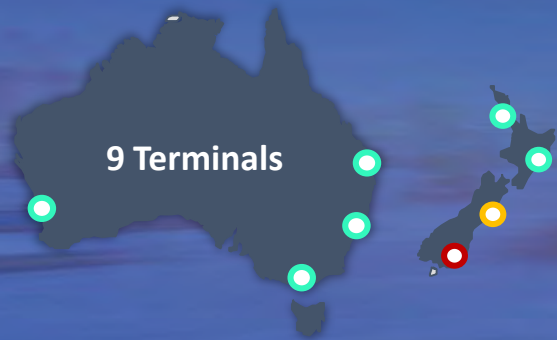
Where we are

Australia / New Zealand

South East Asia

Europe

Latin America



 LIVE SITES  IMPLEMENTING  BEING SIGNED



Who we collaborate with



17 SHIPPING LINES

100% of all lines for Asia Oceania route



17 CONTAINER TERMINALS

Australia, New Zealand, South East Asia and Latin America



6,122 ROAD CARRIERS

100% of all road carriers in AUS who move containerised cargo



1,600 FREIGHT FORWARDERS



1,980 IMPORTERS EXPORTERS



9 RAIL OPERATORS

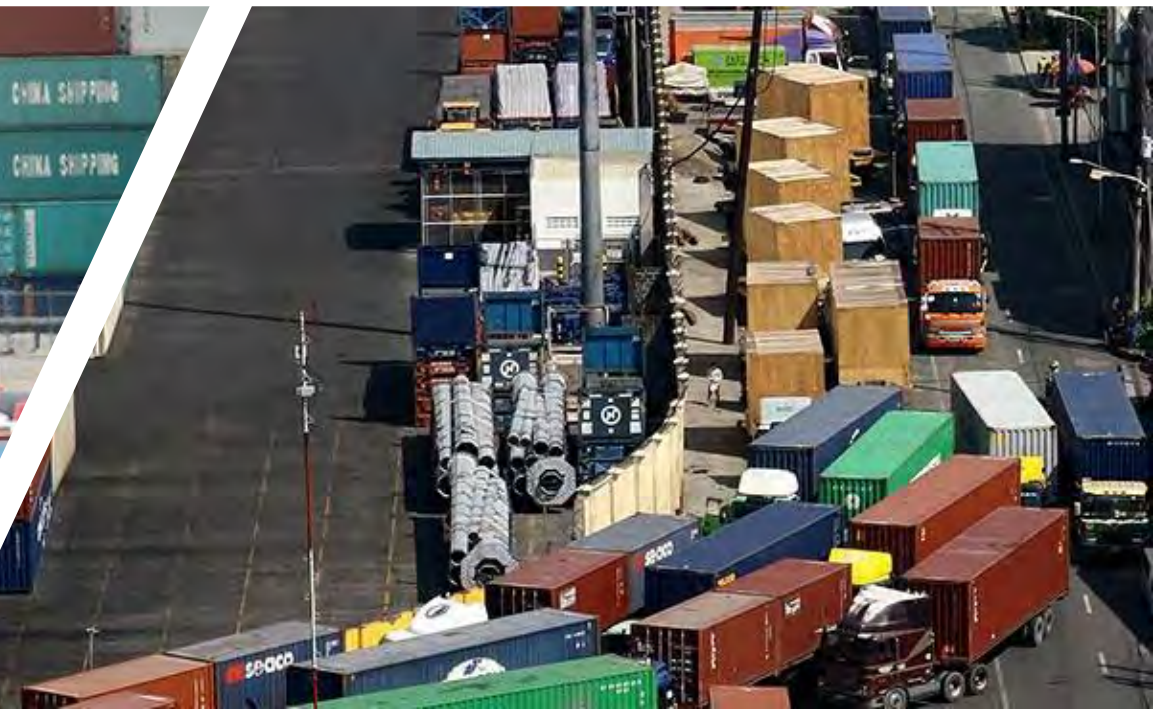


39 CONTAINER PARKS & DEPOTS

Over 170 million messages processed annually to the connect Port Community

Ports around the world range from manual / paper to automation





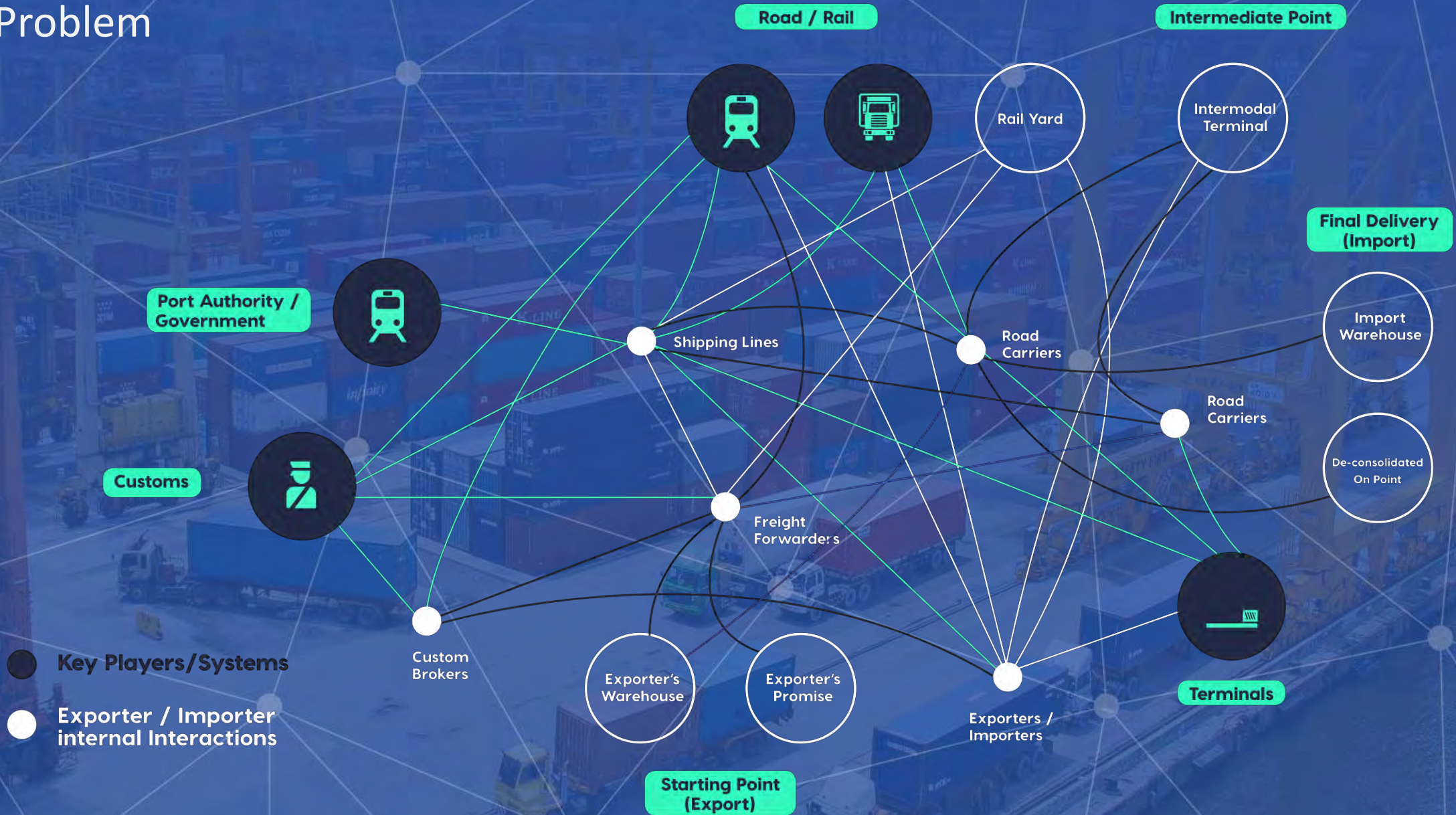
Common challenges

- Effective control of landside operations
- Gate congestion
- Truck queues
- Cargo dwell time
- Reactive planning
- Transparency and information sharing
- Increased costs

How do we address these challenges?



The Problem



Port Community



Plus “bring your own local app”

Cargo Logistics Platform



Messaging & Message Brokering

CargoConnect

Integration Platform as a Service (Connectivity, IoT, APIs, Routing, Translation, Security)

ePRA

Electronic Pre-Receipt Advice (Electronic Export Receipt Advice)

eIDO

Electronic Import Delivery Orders

Customs Reporting

Container Weighing Services



Information Services

Vessel Schedules & Container Status

Centralised information able to be retrieved through pull or push (B2B)



Port Logistics & Operations

Vehicle Booking System (VBS)

17 Container Facilities across SEA, Australia & NZ, Integrates to TOS (Flagship Product)

1-Stop Modal

MT Park Systems

Container Control

Reuse of Import Containers or for MT storage

Tracks

Train Visibility

Locate

Gate Management & Tracking



eCommerce

ComPay

Electronic Community Payment System that allows payments within the Port Community. Includes Terminal storage payments and inter-company payments for all transaction methods.

Points Payment System

Virtual currency system used for prepayments for Terminal charges



eLearning & Security

Security Card

Security Card that can be used for access to terminals and Integrates in the 1-Stop VBS.

eLearning

Centralised learning platform for the Port. Can be linked to Terminal OH&S inductions and activations of Security Card.

← We focus here for ports & terminals

Technology Landscape



Cloud
Computing



IOT
(Internet
of Things)



Artificial
Intelligence



Blockchain



APIs

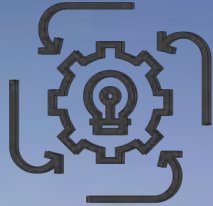


Data
Analytics

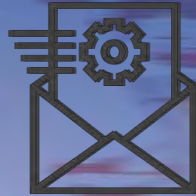
Vehicle Booking System (VBS)



Resource and capacity planning



Consistent interface



Direct user notifications



Data validation & Performance Management



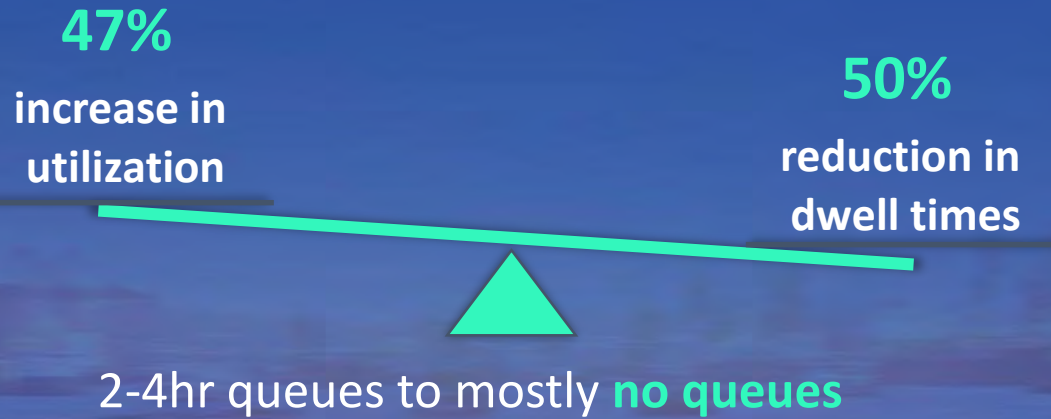
100% configurable



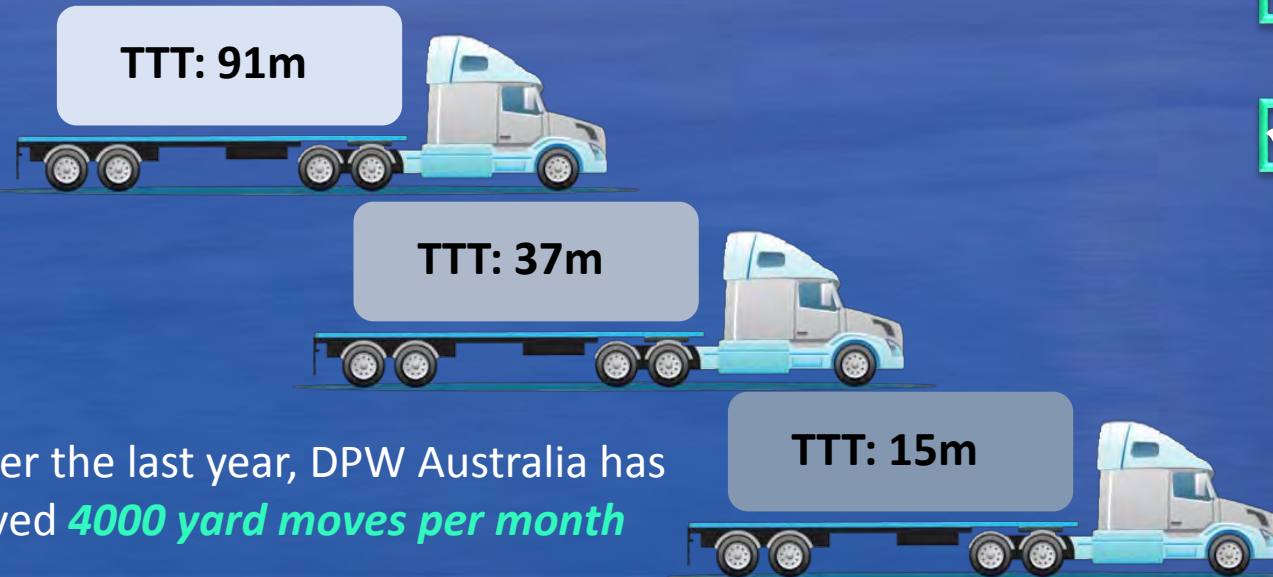
Available as mobile app



Helping our customers



- ✓ Created **certainty**
- ✓ **Flattened** peak period demand with same labor & equipment
- ✓ Up to **5x** increase in Truck utilization
- ✓ Terminals moved to **auto-gate entry**
- ✓ Terminals deferred **expensive** infrastructure investments



Over the last year, DPW Australia has saved **4000 yard moves per month**



Terminals enjoy a **revenue stream** by charging:

- Per slot
- Penalties



Portside

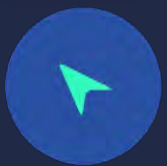
1-Stop

Customer

Open Cargo Logistics Platform



1-Stop



Future Enabled



Saving Time



Increasing Efficiency



Increasing Productivity



Consistent Information Flow



Streamlined Connectivity



Coordinated Activity



Intelligence PCS Platform



1-Stop

Thank you

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The global leader in **port logistics** solutions

www.1-stop.com