

**FIVE LEVERS OF GROWTH STRATEGY** 

WiseTech Global – Strategy and Technology Founder & CEO, Richard White

Product, Technology and Strategy Day, 4 May 2018



## A leading provider of software to the logistics industry globally



Countries in which WiseTech software is licensed for use.



<sup>(2)</sup> Includes customers on the CargoWise One application suite and legacy platforms of acquired businesses; legacy customers may be counted with reference to installed sites.

<sup>)</sup> Data transactions for FY17, transactions measured at 30 June annually.

Includes acquisitions announced to 23 April 2018

## Global logistics industry and the competitive environment

What's ahead in 2018 and beyond

#### **TECHNOLOGY**

Fragmentation

Specialisation

Proliferation of micro point systems

'Sneakerware'

IOT

Aging legacy platforms dominate

Disparity of code/islands of data vs cloud/global access

## COMMERCIAL IMPERATIVES

Exponential volume growth

Demand for faster throughput

Margin pressure

Capital constraints

Logistics high margin industry - for the successful few

Economic 'summer'

#### **COMPETITION**

Blurring of 1PL/2PL/3PL

Leaders pulling ahead

Deep systems capability driving value (not discounts)

Legacy platforms
LPs ripe for
acquisition

## REGULATORY PRESSURE

Increasing regulation & complexity

Onerous penalties

Constant ongoing change (single window, system upgrades, Tariffs, Blocks, Trade Wars, Political change)

Digitisation slow to implement





## **Industry and competitive environment - WTC**

What's ahead in 2018 and beyond

### **3PL** industry in rapid evolution

- Consolidation continues, for 3PL and 2PL providers scale is key
- Increasing demand for integrated ecosystems to improve productivity and competitiveness
- Growing demand, few new commercial provider entrants of scale
- · Borders blurring across the logistics industry
- 3PL e-commerce growth, growing 15%+ in key regions driven by consumer spending and increased cross-border purchasing requiring new solutions
- High growth in 3PL logistics, upcycle = stronger inertia around switching platforms

#### Governments

- Constant ongoing change centred around single window, system upgrades, border control or political change such as Brexit
- Increasing compliance fines to address risks, increasing regulation add-ons
- Digitisation is essential but implementation slow
- Supportive environment for software solution providers

### **E-commerce growth driver**

- E-commerce volumes are simultaneously pressuring and expanding 3PL businesses
- Increasing cross-border transactions to facilitate e-commerce
- E-commerce dismantling offline bricks and mortar, now impacting online retailers and potentially disintermediating wholesalers while both using, and competing with, 3PLs
- E-commerce giants becoming 3PL for their own operations and for third parties
   strategy is build/buy and hoard
- E-commerce players expanding in significant ways into new markets

3PL revenues from e-commerce activity are growing faster than the overall 3PL market. 3PL e-commerce revenues are expected to generate a compound annual growth rate of 15.7% versus overall 3PL market growth of 6.0% for the period 2016 to 2020.

**Armstrong & Associates 2017** 



### **Industry and competitive environment**

Customers aligning on needs, clearer solution in sight



### **Needs of all logistics providers**

Real-time visibility

Control over margins

Risk-free, cross-border execution

Faster multi-modal movement

More efficient use of resources

Error reduction



### **Solution in sight**

Integration

Digitisation

**Automation** 

Single source of truth, cleansed + verified global data sets

Guided decision-making

Exception-driven intervention



## **Operating system for global logistics**





WiseTech difference, transformation track record



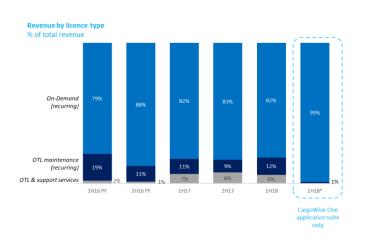
## WiseTech difference, transformation track record – PRODUCT PLATFORM

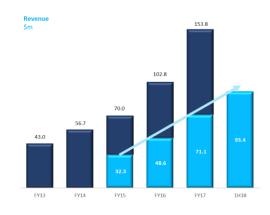
Expanding offshore requires bottom up global solution	Cannibalised AU business by building single source-code, global platform Launched integrated regional platform: AU, NZ, UK, US, SG (2004) Ultimately created the integrated global logistics execution platform (2014)
Focus on the hardest pain point (cross-border execution)	Freight forwarding + deep expertise in customs clearance + regulatory compliance
Build globally, configure locally	Developed specialised logistics accounting capability for each country of operation Universal engines with local configurations
Scale requires uniformity, not more resources	Auto configuration: works 'out of the box'  Disciplined approach to product and platform, 'mass customisation'  Every feature available to all  Solve with technology, new architectures, engineered processes
Integration, not fragmentation	Data entered once, reused and visible across platform

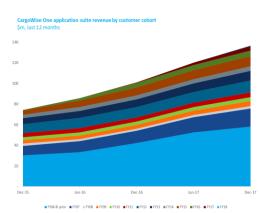


## WiseTech difference, transformation track record – REVENUE

Create pure recurring revenue	Early move to On-Demand licensing (2008) Transition existing OTL to On-Demand Launched transaction-based licensing – disciplined application (2014) Transition existing to pure Seat+ Transaction-based licensing
Create pricing simplicity	One standard price list, no need to negotiate
Behaviours drive revenue	Behavioural discounts: driving volume increases, prepayment, commitment, swift rollouts, module extension
Data-led strategy	Pay attention to transaction revenue growth and customer attrition



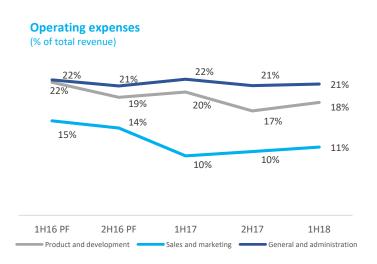






## WiseTech difference, transformation track record – COST EFFICIENCY

Build assets, not churn	Inversion of product spend vs usual sales & marketing – prioritise asset development	
Eliminate costly bottlenecks to growth	Remove consulting: evolve to channel partner organisations Continuous rollout and expansion with no further sales effort – use and revenue grows as customers add transactions, modules, geographies and industry consolidation	
Solution over service	Self on-boarding, workflow and configuration tools, channel partners, minimal WTC resources. Focus on 2 <sup>nd</sup> and 3rd level helpdesks, customers establish and run 1st level helpdesks	
Automation	Automated education: built 24/7 certification platform Automated training content platform: videos, use cases and 'user-how-to' guides Auto-billing platform, 130 countries, invoices issued monthly without manual intervention Automated software release + platform upgrade	







### WiseTech difference, transformation track record – TECHNOLOGY

Innovation I	ead
+ fast follow	er/

Early deployment 2011 to full cloud – customers transition over 2 years
Establish data centres worldwide
Built "High Volume Low Value" capability 2006, launched e-commerce 2013

## Architectures and engines over 'sweatshops'

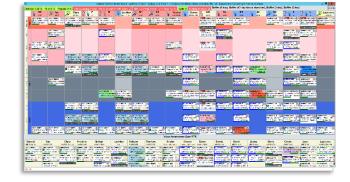
2012, GLOW 'build once architecture', evolve to build software, minimal coder involvement 2013, built PAVE, since applied across global dev workforce – decimated defect rates, exponential growth in development productivity, 500+ new product enhancements annually Built Universal Customs Engine – allow local customs builds in fraction of time Exceptional speed to market – swift delivery of regulatory changes and new products

# Productivity at the centre of everything – 'use not users'

Launched deeply integrated CW1 global platform, high productivity tooling
Workflow automation engine – transactions configured to flow from events
Introduce exception-based execution on CW1

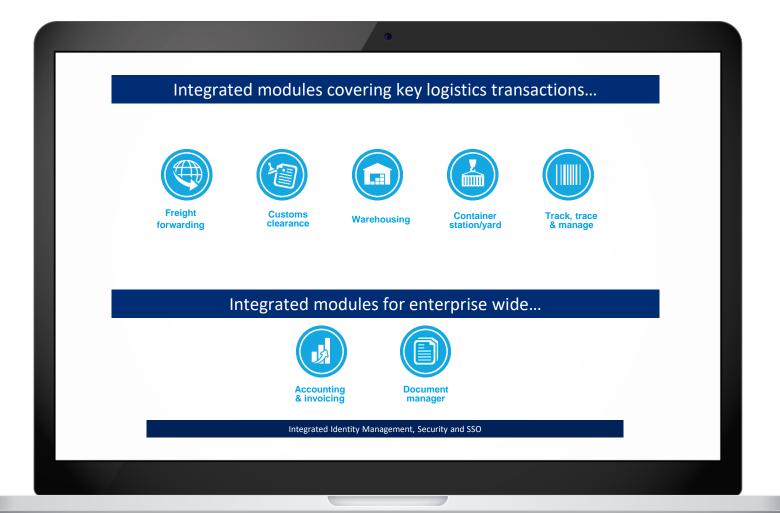
# Leverage global data sets, transaction sets, new technologies

Built global data sets – cleansed and verified Utilising machine learning, NLP, guided decision making, to maximise the benefit of our vast data lakes and global transaction sets Investigating myriad new technologies for logistics and CW1



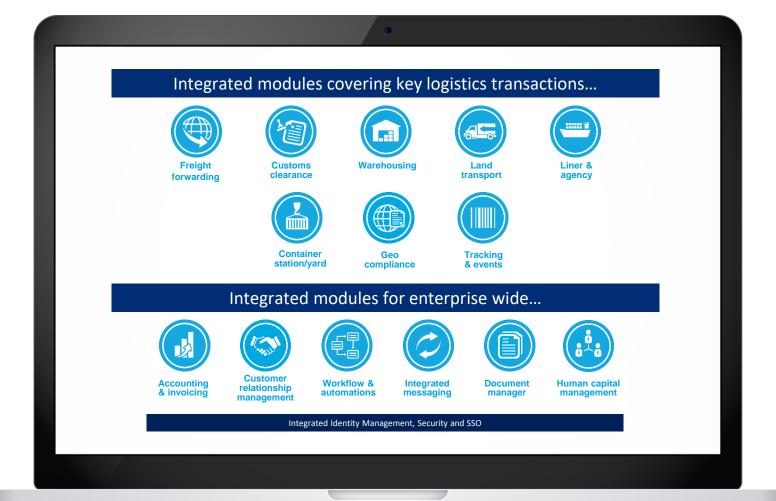


## **Operating system for global logistics 2004**





## **Operating system for global logistics 2014**





## Powerful high growth engine – CargoWise One integrated global platform

Strong foundation for future technology, seamless rollout, scalable capacity, global solutions

## CargoWise One



- ✓ scalable to any size of business
- √ global reach 130 countries
- ✓ deeply integrated with real time visibility
- ✓ reduces risks, costs and data entry
- ✓ detailed compliance
- √ 30 languages
- ✓ data entered only once
- ✓ automations and delegations
- ✓ built-in productivity tools
- ✓ on-demand/transaction-based licensing
- ✓ global data sets and execution engines
- ✓ swift on-boarding, efficient sales process
- ✓ open-access
- ✓ available anywhere, anytime

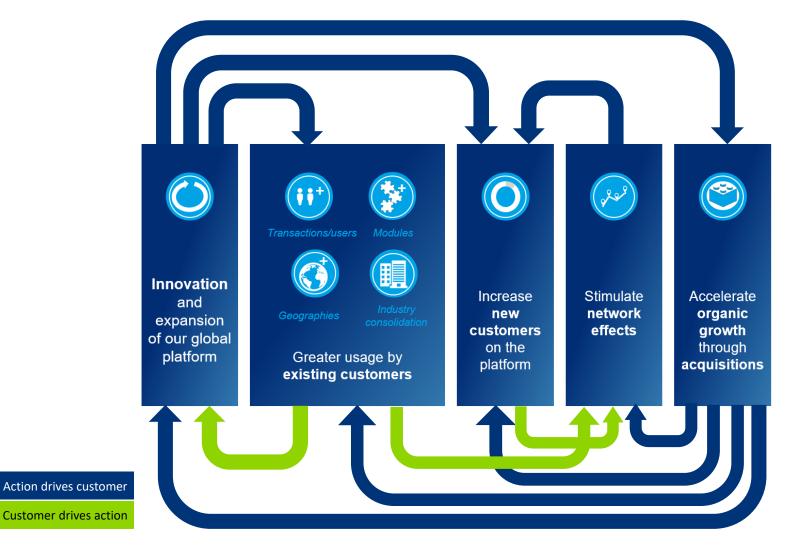


Our five levers of growth



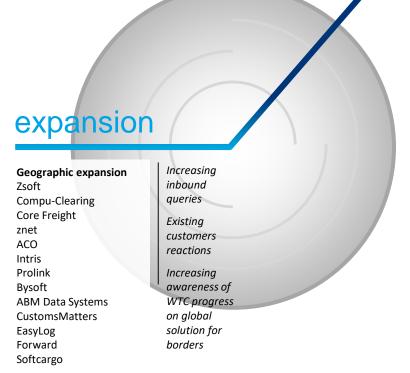
## Focus into 2019 – each action expands and accelerates our growth

Innovation & expansion through acquisitions drive new users, greater usage & network effect



## Accelerating organic growth through innovation and acquisitions





CargoSphere
Microlistics
Digerati
TradeFox
CMS Transport



Global e-commerce

devices

Cloud, on-demand, all

### Acquiring businesses for geographic expansion – solving buy or build?

Small targeted acquisitions in key regions provide safer, faster, stronger entry to new markets

We buy into market positions that would take years to build, integrate swiftly, and drive value across platform

#### Why buy, not build?

## Seamless entry into new markets with:

- Industry experts
- · Local leadership
- Quality customer base
- Local infrastructure and offices

#### Risk reduction

- Known entry cost
- Earnouts help retain mgmt
- Addresses war for talent

#### Accelerates expansion

- Move rapidly with certainty
- Targeting manufactured trade flows – high growth



#### Rapid expansion since January 2017:

11 customs focused acquisitions

Delivering strong positions in:

- Belgium
- Brazil
- France
- Germany
- Ireland (2)
- Italy
- Taiwan, China
- 16 countries across Latin America

Added **~250** talented industry experts and developers

Integrate product immediately – embed new product over time, utilising Universal Customs Engine

Integration scalable

<u>Upfront</u> cost of only **~\$57m** plus earnouts in future years



### Adjacencies feed into our innovation pipeline to build ecosystems

Targeting key plug-ins to our global development or multi-regional adjacencies that can scale

We are **accelerating convergence of technologies** by adding targeted acquisition of key adjacencies to our innovation pipeline to build valuable ecosystems and global product sets.

1H18 acquisitions focus on expanding TAM in ocean, air, land transport, warehousing and data provision

We look for adjacencies that we can scale from domestic multi-region to global product capability, and either:

- 1. Provide a core element for key ecosystem development; or
- 2. Expand our next generation development of existing CW1 modules: or
- Feed into global data set for machine learning and automation

Since 2017, we've added ~200 talented industry experts and developers

Integrate or embed is bespoke to the adjacency

Upfront cost of **~\$72m** plus earnouts in future years

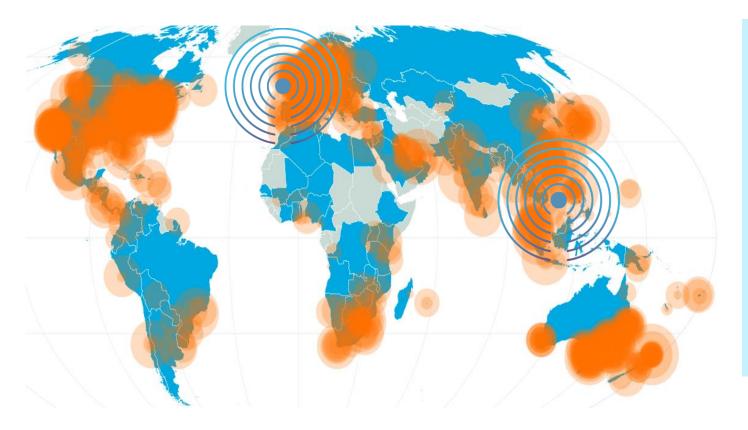




### Acquiring businesses to accelerate organic growth

Acquisitions focus on manufactured goods trade flows or technology adjacencies

Geographically we are following the G20 *plus* 20 assessed on manufactured goods trade flows Significant progress made with 23 countries acquired since January 2017 Now covering 30 countries in total for customs processing



### What we target

- Strongly entrenched solution providers in non-English speaking markets with complex cross-border compliance requirements
- New geographies focused on manufactured goods trade flows (not GDP)
- New, complex, adjacent competencies to plug-in to our global development or multi-regional adjacencies that can scale to global



## Accelerating organic growth – our M&A machine

### **Internal M&A capacity**

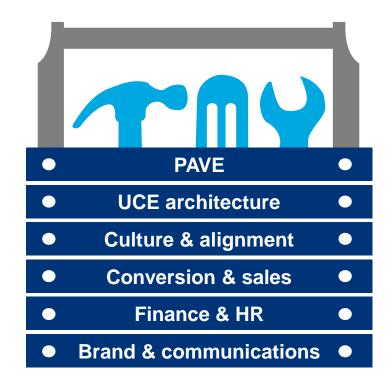
- Origination
- Due diligence (ex. local tax, in-country legals)
- Completion execution
- Integration
- Embedding
- Customer transition

Source and buy assets that are not for sale

**Cultural fit is key** 

Self-integrating acquisitions allows for rapid scale

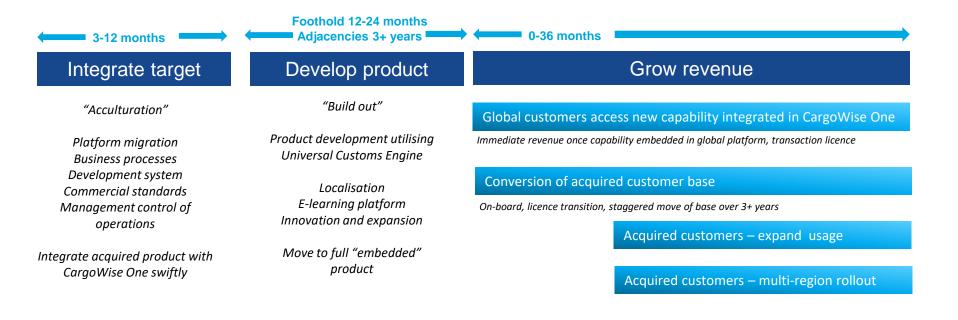
WTC architectures PLUS integration milestone kits





### **Acquisition** — integration process + value components

Stage 1 integration completed swiftly, we focus on long-term product capability and growing revenue







### **Acquisitions accelerate organic growth**

China expansion: case study – key foundation within region

- Organic entry accelerated with Zsoft acquisition
- Operations cover development, sales, support and content
- Servicing global 3PLs in China and commencing CW1 sales locally
- China foundation now established for rapid Asia expansion



#### Laying the foundation

- 2008: international customers first take us to China
- 2013-4: Nanjing Software Development Centre
- 2015 Zsoft (FF) acquisition and integration of Shanghai, Shenzhen, Guangzhou
- 2016 rebrand, build translation teams for e-learning, sales/marketing content
- 2017 commence China customs development, establish WisePartner
- FY18 acquire Prolink, sign leading Taiwan FF on CW1
- 2018 complete contract mechanism, simplified Chinese e-learning, collateral, website, customer portal, recruit further WisePartners
- 2H18 begin major sales drive for key customer segments
- Foundation work in China = solid base for rapid expansion to Hong Kong + Taiwan
- ~ 165 staff incl 55 developers across China +Taiwan active CW1 further development
- 2H18 Japan office opened



#### Significant opportunity

- Largest export market globally
- ~5,500 NVOCCs
- ~41,000 freight forwarders and agents
- ~5,000 govt registered Class A forwarders
- 700,000 logistics service providers, +15% pa
- Top 100 FF median revenue ~USD160m

#### **Key customer streams**

- .. Global/regional 3PLs and FF operating in China
- 2. Large Chinese co. globalising
- 3. Larger Chinese-based organisations
- 4. Transition of relevant Zsoft customers

(NB: revenue appears in Existing/New/Acquisitions)















### Innovation investment

Significant pipeline of longer-term innovations across existing verticals and new adjacencies

### ~600

product upgrades and enhancements annually

37% of revenue

invested in 1H18

### 50%

of employees focus on innovation and product development

>670,000

unit tests executed every 45 mins

>\$200m

invested FY14-FY18F Major development focus on:

- Productivity
- Global data sets
- Machine learning
- Natural language processing
- Guided decision making
- Global automations
- **HVLV** logistics (e-tail)
- Regulatory environment changes

Over 3,000 product upgrades and enhancements added to the global platform over last 5 years

Our FY18 commitment: >\$65m in innovation and development

### Work faster, harder, smarter

#### **PAVF**

Productivity Acceleration Visualisation **Engine** 

#### GLOW

'Build once' architecture and 'coding without coders'

### Universal **Customs Engine**

Accelerating complex customs localisations

### Reduce cost, time, error, risk

#### WiseRates

- Global data sets
- Real-time access
- Immediate booking

### **Global Tracking**

Global air/ocean schedules, container and air waybill tracking

#### **BorderWise**

- Risk reduction
- Due diligence
- Cost efficiency

### Supply chain behavioural change

#### **GEOCODF**

- Global address cleansing
- Geocoding
- Master data deduplication

#### Global data sets

- Multi-modal rates, schedules, bookings
- Compliance data
- 3PL supply chain

### **Machine learning**

- Process automation
- Guided decision making
- Natural language processing



## Cargo chain – building an ecosystem

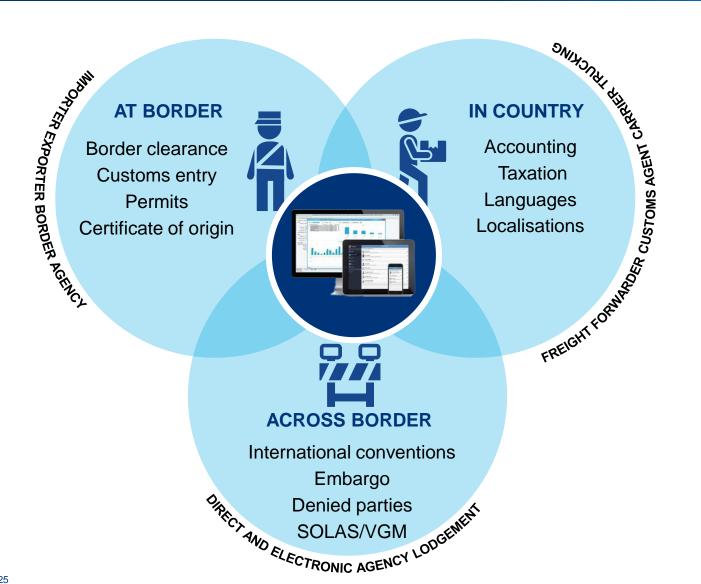


#### **Needs of all logistics providers**

- Real time visibility
- Control over margins
- Faster multi-modal movement
- More efficient use of resources
- Error reduction



## Trade and border compliance ecosystem – pain points abound



#### **Needs of all logistics providers**

- Control over margins
- Risk-free, crossborder execution
- Faster multi-modal movement
- More efficient use of resources
- Error reduction



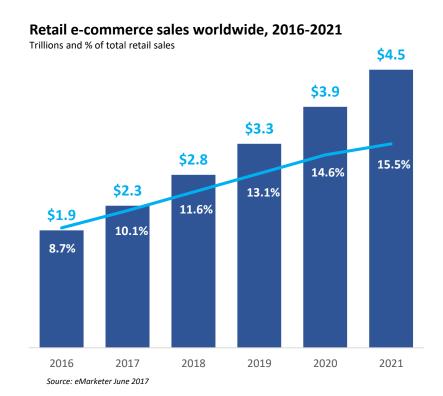
## E-commerce volumes and speed demand 'light touch' execution

Border management + compliance risks are the largest pain-point of international logistics and e-commerce

## What challenges do you face with your cross-border e-commerce (other than cost)?







"By 2020, an estimated 45 percent of online shoppers will purchase goods from other countries, which represents a four-fold increase in the value of cross-border sales since 2014."

Colliers International 'supply chain disruptors' 2017



## E-commerce 2<sup>nd</sup> generation, 'High Volume Low Value'

Providing scalable, high volume integrated solution for 3PLs facing e-commerce juggernaut

International e-commerce solution designed for higher volume levels

Country agnostic – founded on the global customs strategy

Designed for seamless rollout to CW1 customers and into their partner warehouses

Web-enabled, multi-user interface, multiple devices

**Global rollout expected FY19** 

- Fully integrated, highly scalable, cross border solution for HVLV packages
- Next generation to our existing e-commerce product (AU)
- Full integration between freight forwarding, customs brokerage, warehousing, last-mile carrier management and online tracking
- Transaction-based licencing, cloud-enabled
- Immediate customer base from our existing e-commerce customers
- Currently in prototype test with development partner, then roll out to existing AU & NZ customers.
- Phase 1 launch complete FY18 with destination depot. Phase 2 origin warehousing, courier integration and automations in FY19.





**Opportunity + 2019** 



### **Opportunity**

Logistics market size: across 1PL, 2PL, 3PL = ~A\$14trillion

### Global 3PL

- Top 150
- LP in each vertical and each domestic market

### **E-commerce**

- 3PLs
- Express couriers
- E-commerce giants
- Postal services

### Government

- Regulation
- Digitisation
- Integration
   Domestic

regulators

Global regulators Industry bodies

## **Ecosystems**

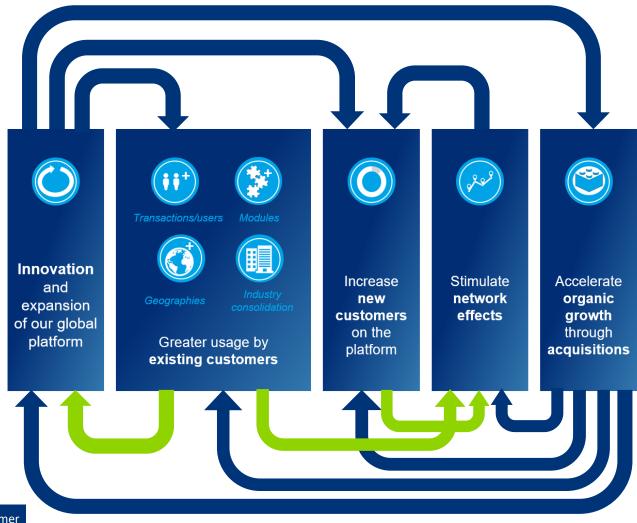
Ecosystems, once built, drive long term value that is near impossible to dislodge

Some of our products and innovations also apply to non-logistics markets eq: PAVE (all industries) and GLOW (software development)



### Focus into 2019

### Consistent and disciplined execution of our 5 levers of growth





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- Current period statutory The financial data for 1H18 in this presentation is provided on a statutory basis but in a non-statutory presentation format.
- Currency All amounts in this presentation are in Australian dollars unless otherwise stated.
- FY refers to the full year to 30 June, 1H refers to the six months to 31 December and 2H refers to the six months to 30 June.
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