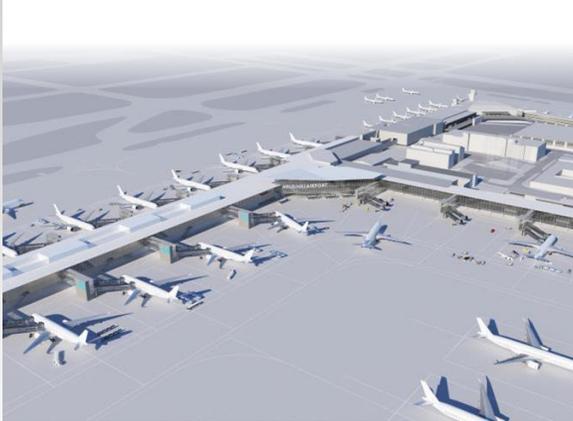


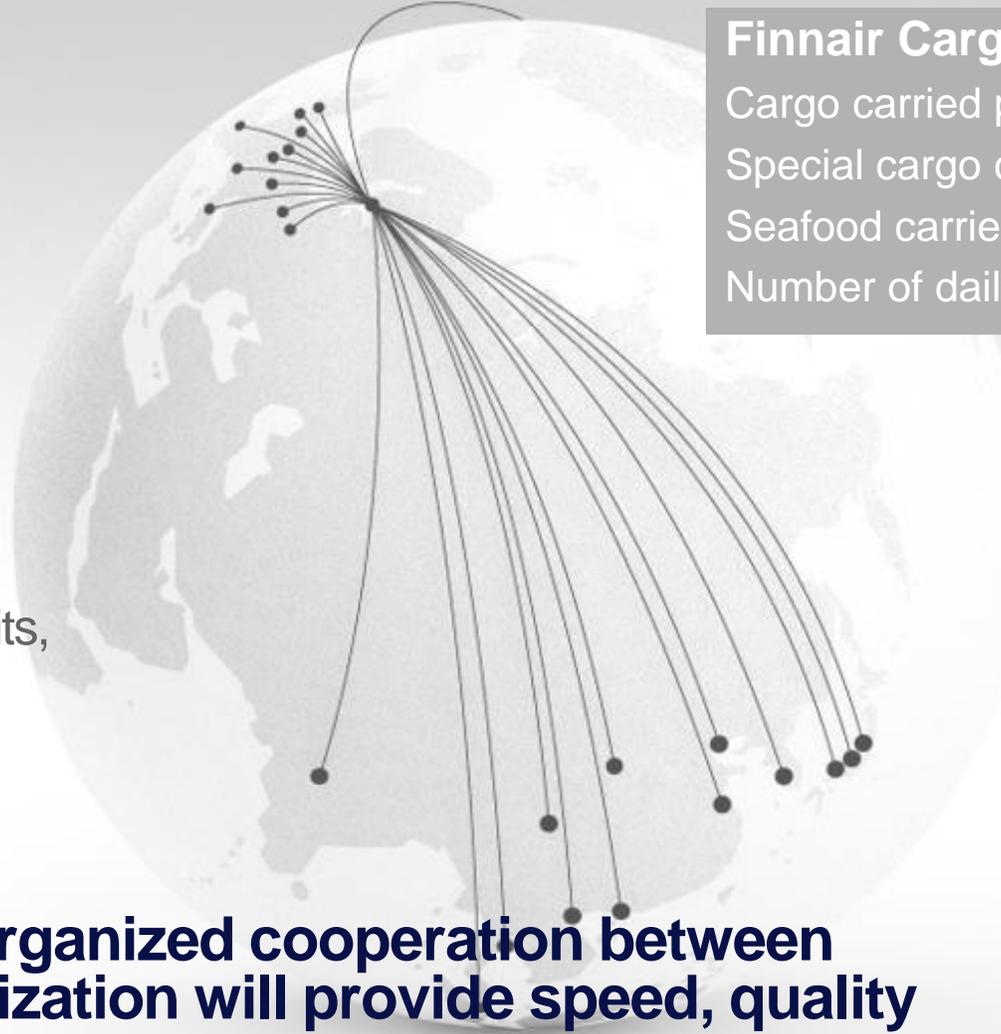
Cargo Digitalization - Looking at things in a different way



Finnair Cargo – Fast Connection Between Asia and Europe



Flying via Helsinki means the geographically shortest route, smooth and uncongested transits, and straighter flights generating fewer emissions.



Finnair Cargo Facts:

Cargo carried per day >450.000 kg

Special cargo carried per day >100.000 kg

Seafood carried by day >55.000 kg

Number of daily AWBs >500

19 destinations in Asia

7 destinations in the Americas

>100 destinations in Europe



Efficient network, well-organized cooperation between stakeholders and digitalization will provide speed, quality and transparency to customers

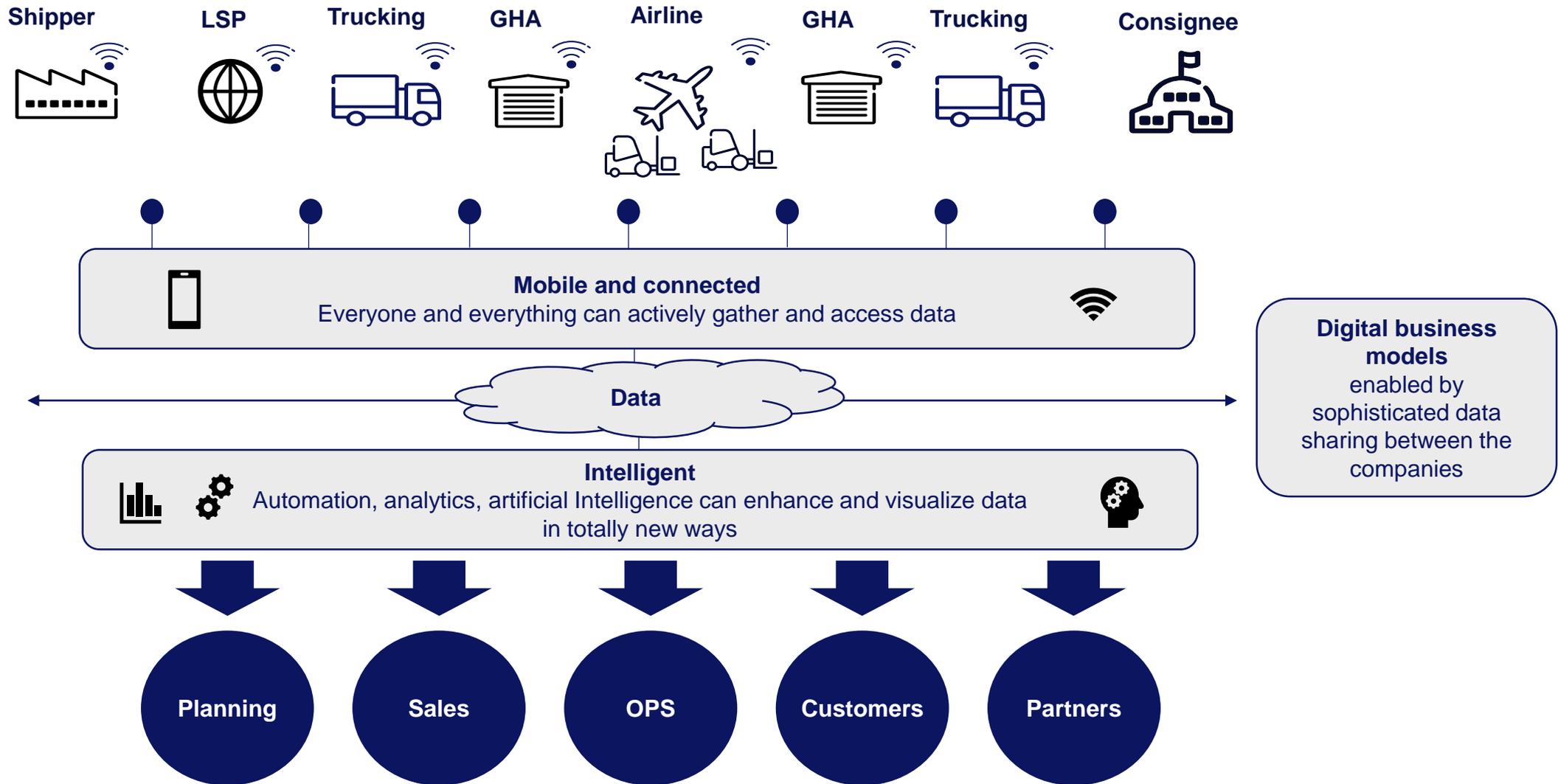


Improving Air Cargo Connectivity and Supply Chain

- Finnair's approach to end-to-end cargo services and digitalization
 - Innovation together with partners and competitors
 - Focus on data to build fresh and optimal future solutions
 - Building flexible IT architecture to enable fast development
 - Working closely with regulators and government to create common future data sharing platforms

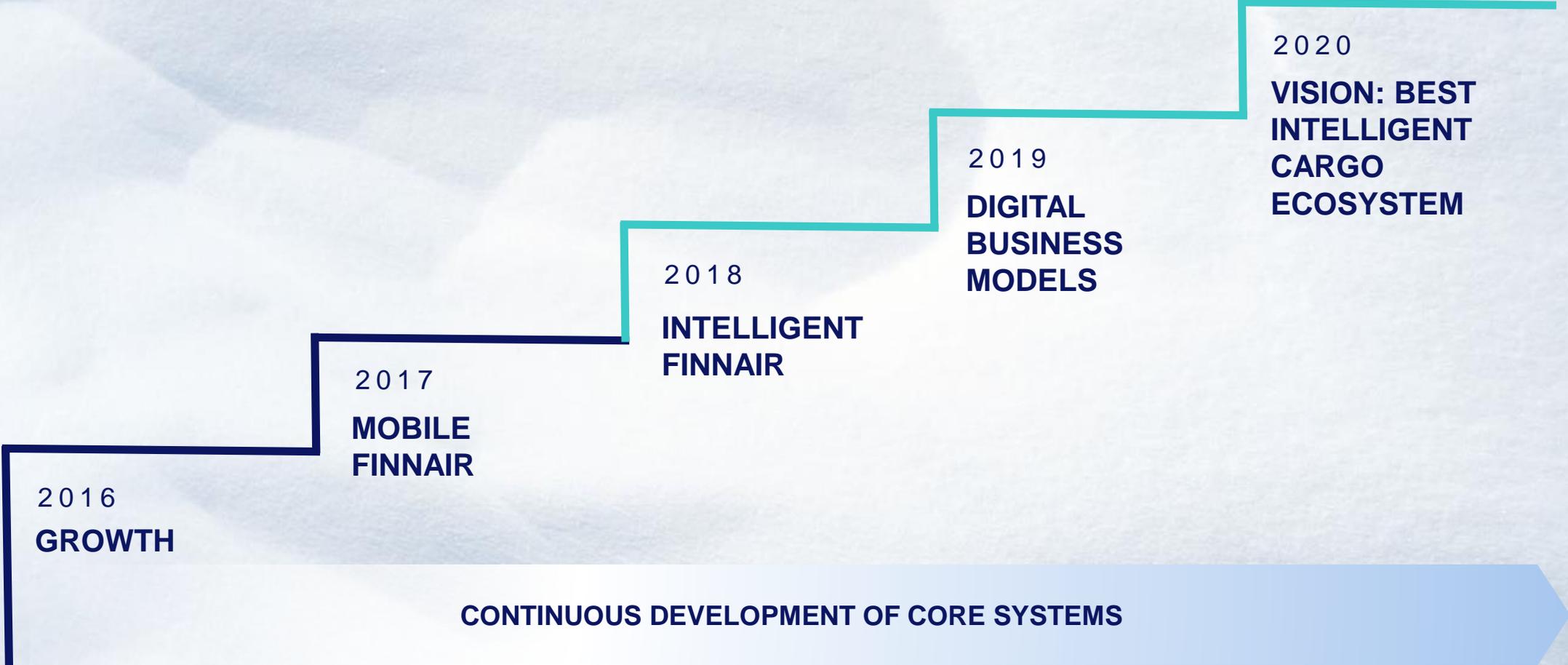


Our Vision of Digital Cargo Ecosystem





HOW DO WE GET THERE?





Mobile Finnair

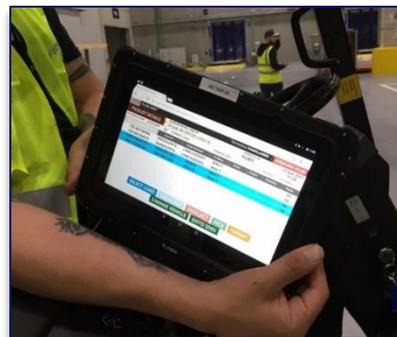
Mobile phones
for everyone

Tablets on shop
floor and
in forklifts

Connected
vehicles with IoT
technologies

Data sharing
with partners

Flexible
architecture to
get everything
connected





Intelligent Finnair

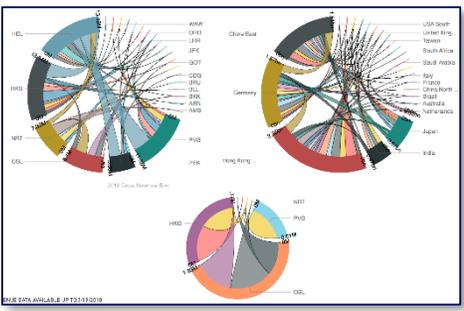
State-of-the-art
COOL Control
Center

Cargo Eye
application to
manage the
whole network

Cargo Einstein
dashboards and
analytics
platform

Robotic process
automation to
automate
routines

Chatbot and AI
proof of concepts





Digital Business Models

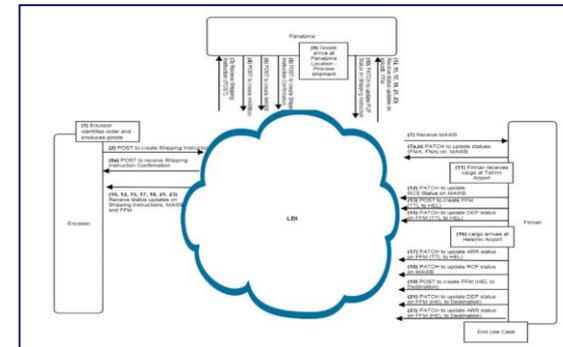
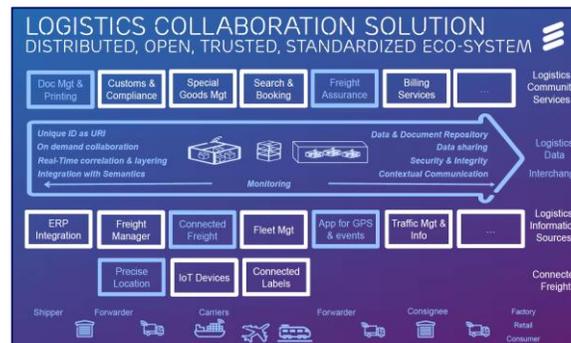
Strong support and push for new standards and technologies in data sharing

DCF-driven LDI Pilot Project with Ericsson, Panalpina, Air France and others

Alignment with IATA One Record and EU DTLF initiatives

Alignment with Finland's Ministry of Transport and Communications

Helsinki Airport development (#HADF) – RFID PoC with Finavia



FINNAIR