Session: 7080
Optimizing processes to drive resiliency and agility in the age of disruption

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Key time horizons in a period of uncertainty

Start
1 – 2 months

Soon
3 – 6 months

Later
6 – 24 months

Stabilize

Recover

Optimize
COVid 19 highlighted fault lines across global supply chains

Supply base visibility

Demand sensing and planning

Control Tower capability to pivot
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About JPR

E-Pallet Digital Document

80% of Japanese groceries and household goods in these industries are carried with JPR pallets in their supply chain

Business partners

3,300 companies

Processed food, consumer goods etc.

Customer’s factories and warehouses

80,000 sites

Total rental pallets

45M pallet-travels/year

80% of Japanese groceries and household goods in these industries are carried with JPR pallets in their supply chain.
Vision: A product to platform business

Transform from a pallet company providing logistics... to a digitized platform company that creates insights.

- Low cost (Commodity business)
- Low value-add
- Enhanced network
- Platform business
- High value
JPR is uniquely positioned to provide a platform solution for the Japanese logistics industry.
JPR mission: Digital transformation of our ecosystem

Physical Palletizing

Unit-Load 1.0
Mechanized logistics
Use Pallet in logistics

Unit-Load 2.0
Standardization of logistics
Palletization

Unit-Load 3.0
Sharing economy
Shared infrastructure

Unit-Load 4.0

Digital logistics data
Digitalized voucher

Standardized logistics information sharing
Digital chain

Logistics information sharing
Service provider and platform collaboration

Cyber Digitizing
BIG picture: Logistics data platform

End user: Supply Chain players

Solution providers

- Logistics matching
- Real-time location
- Delivery scheduling
- ASN
- Digital document

Logistics Data Platform
(Assigning Transportation ID)

Standardized Original Logistics Data
(of Supply Chain players)

IBM as SI Partner
JPR is influencing the Japan logistics business with the consortium at the core

Launched the consortium
In Jul 2019 with 24 major companies

First solution starts
from Oct 2020 Digitizing Paper Delivery Slip

Digital Logistic Council

- Improve efficiency of logistic process
- Improve business culture (Integrate with existing activities)
- Invite supply chain provider
- Increase partner companies
- Standardize business process data
- Incubate new service
- Incubate service provider
- Increase logistic business/Improve quality
- Increase resource of logistics data

Increase partner companies

Increase logistic business/Improve quality

Increase resource of logistics data

Incubate new service

Incubate service provider

Improve efficiency of logistic process

Improve business culture (Integrate with existing activities)

Invite supply chain provider

Standardize business process data

Incubate new service

Incubate service provider

Improve efficiency of logistic process

Improve business culture (Integrate with existing activities)

Invite supply chain provider
Estimated business volume of the logistic digital platform

Consortium started with 24 companies with revenue of USD 12.5 trillion

2020

2022

13.5 million slips
More than 3 solutions
Over 10 solution providers for 5,000 users (companies)

2025

25 million slips
And JPR is influencing the government’s agenda around a network of networks.
IBM roles and services for JPR

2018
IBM Cloud Subscription
IBP (IBM Blockchain Platform)
IBM IX Strategy Consulting
IBM Garage Service

2019
IBM IX Strategy Consulting
IBM Blockchain Service

2020
IBM Consulting Service for Consortium
IBM Blockchain Service
COVid–19 has forced an acceleration to digital business

The most important opportunity is simultaneously understanding that “everyone needs to change their way of doing things”. And the most important lesson is “preparation for change”.

Increased rate of web orders
in 1 week: 20%

Increased rate of remote working
in 1 month: 45%

The most important opportunity is simultaneously understanding that “everyone needs to change their way of doing things”. And the most important lesson is “preparation for change”.

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The future is accelerating fast and the future is bright

Hyper automation and Intelligent Workflows

Ecosystem platforms and collaboration

Increased focus on risk management
Q&A

1. How did your digital transformation prepare you to navigate the impacts of COVid-19?

2. When we look back on this crisis, what will be the one or two biggest lessons learned?

3. When we emerge into a new normal, what will be the legacy of COVid-19 on the supply chain of the future?
Learn more about the IBM Supply Chain here

www.ibm.com/services/process/supply-chain
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