



DGT Supply Chain

Innovative supply chain
management system

PREMISE

 QUALITY CONTROL

 RISKS

 CLEARING

 OPTIMIZATION

 INTERMEDIARIES

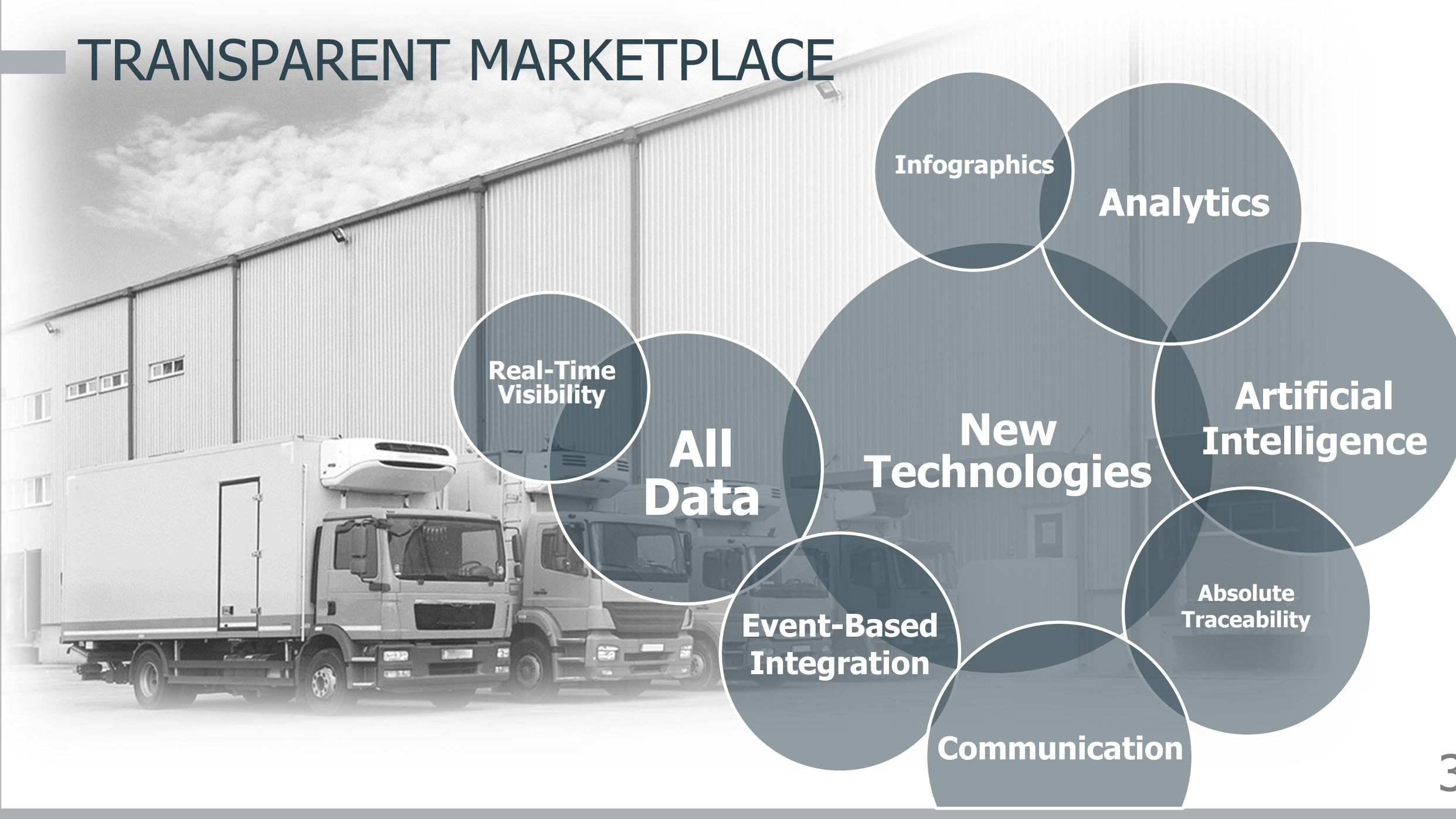
 CERTIFICATION



Total business digitalization leads to an increasing complexity of digital data streams



TRANSPARENT MARKETPLACE



Infographics

Analytics

Real-Time
Visibility

All
Data

New
Technologies

Artificial
Intelligence

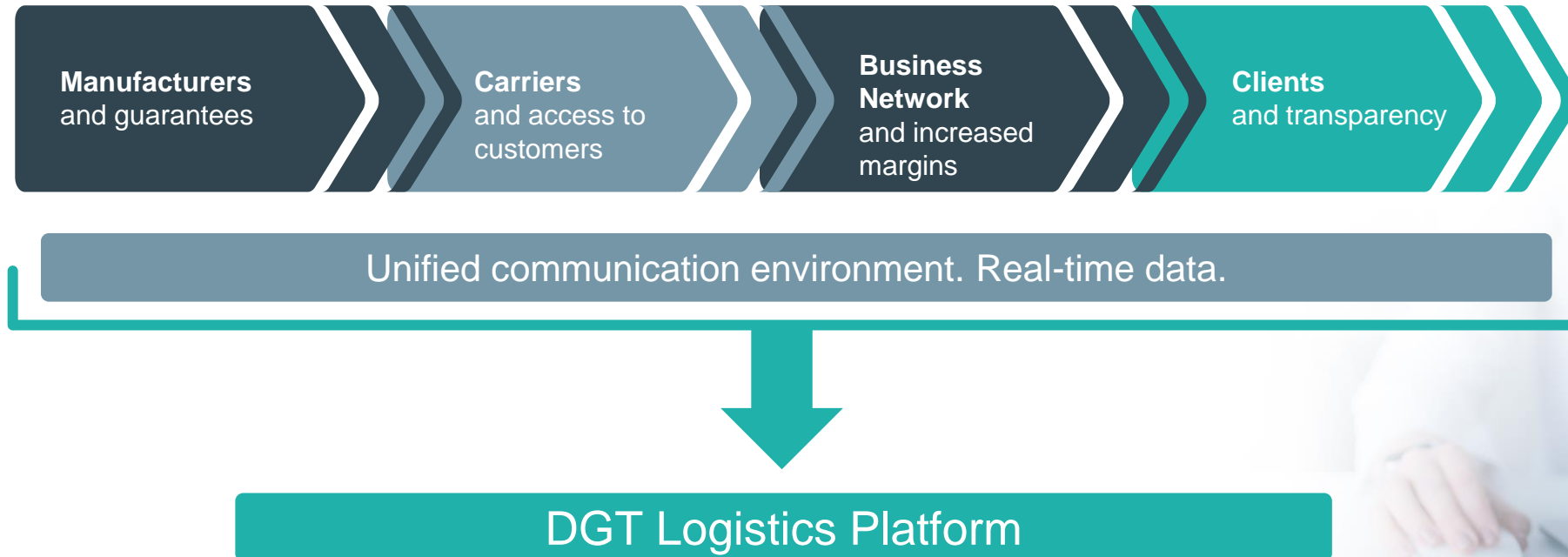
Absolute
Traceability

Event-Based
Integration

Communication

PROPOSED SOLUTION

an integrated, transparent marketplace for communication between large businesses and disparate intermediaries-carriers



CORE FUNCTIONS

DGT Logistics Platform



NODE NETWORK

- A decentralized network of nodes for large companies
- Lightweight applications for smaller vendors
- Data bridges between organizations of different levels



TRANSACTIONS

- Transactions: accurate delivery data in real time
- Variable transactions: processing any digital value and data



ANALYTICS

- Dashboards and reports;
- Process analytics;
- Statistics;
- Identifying problems



INTEGRATION

- Simple integration with tens of legacy IT systems
- Working across TMS barriers



IOT TECHNOLOGIES

- Connecting IOT technologies for tracking and analysis



Artificial Intelligence

- Data Mining
- Clustering



Distributed Registries

- Complex Integration



Security / MDM

- Contours & Access
- MDM

APPLICATION EXAMPLE

tuna traceability



STEP 1. REGISTERING THE CATCH

Tuna is caught in Indonesia by singular fishermen.

They bring the catch to shore and register it. Regulatory bodies certify the conditions under which the fish was caught and its quality.

Each fish receives a Digital Passport.

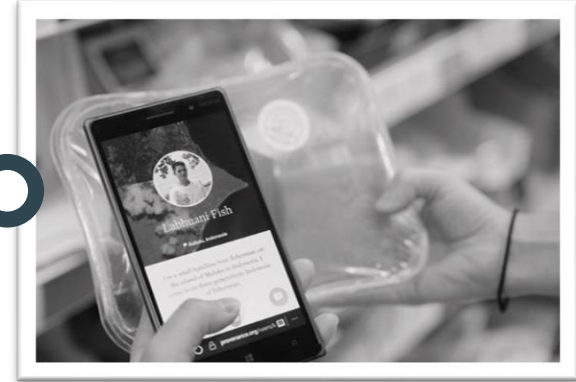
An opportunity for a powerful story arises, when a customer scans an item and sees a smiling face that caught the fish across the world, just four days ago to deliver to the customer's table.



STEP 2. TRAVELLING THROUGH THE SUPPLY CHAIN

Each company that receives, freezes, stores, transfers the fish has its own enterprise IT system for accountability – or use mobile apps to track deliveries.

We do not compete with these systems, on the contrary, we augment them using the open architecture of BGX. FOODIGO seamlessly receives data about the fish that is tracked in real time and used later on.



STEP 3. RECEIVING INFORMATION

A buyer / diner may use a mobile app to scan the code on the package and see the entire chain – from the time the fish was caught by an Indonesian fisherman to the time it was acquired by the given location. How long ago the fish was caught, whether it corresponds to standards, how long it was frozen, how far it travelled – etc. etc.

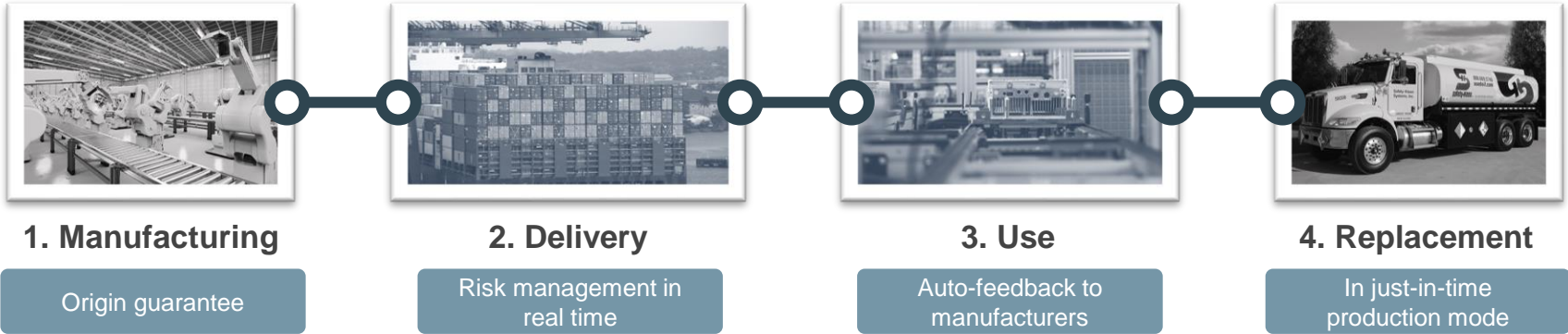


Similar information is available back to the restaurant's client, the fisherman himself and any participant of the logistics chain.

OTHER EXAMPLES

full traceability

SPARE PARTS VERIFICATION



OIL QUALITY



SIMPLIFYING THE CHAIN



The whole value chain is permeated by one unified

DAG Registry

with security and permission controls and

a decentralized network

for a cost-effective data exchange across different IT and business systems

INNOVATION

05

Integration across TMS

04

DAG Registry

03

Cluster topology



Variable transactions

01

F-BFT Consensus

02

PLATFORM USERS AND THEIR NEEDS



Businesses

- Risk reduction
- Clearing costs reduction
- Quality control
- Delivery optimization
- Just-in-time delivery
- Reputation tracking
- Fraud elimination



Client – buyers

- Access to product information
- Improved product quality
- Reduction in delivery prices due to optimization
- Increasing product availability across regions / states / provinces



Shippers

- Ability to build reputation
- Optimized finding of customers
- Reduced error risk
- Partnership opportunities



Manufacturers

- Product usage tracking
- Reducing the cost of inventory
- Reducing the cost of clearing
- Increased reputation and reduced fraud
- Optimization of client-facing channels

EXPECTED RESULTS



Immutable DAG source of truth

Transparent and immutable data available to many parties, regulators, customers



Effective data management

Flexibility to manage ownership, exchange, privacy, storage, processing



Reduced barriers between businesses

Supply chain collaboration and integration of new partners and customers

Maximum cost and risk reduction

- Financial traceability
- Instant data clearing
- Transparency for regulators
- Full object tracking

Deep inter-organizational data control

- Real-time data exchange
- Unified Data Zoo
- Immutable registry

Technology integrating into business

- Working with legacy systems
- Multitude of front-end applications
- Easy integration of additional participants



REACH OUT TO US

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