



ECITL 2012 Gothenburg

8 November 2012

Creating situational awareness in logistics

From vision to reality: What, why and how?

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Vision What

WHAT?

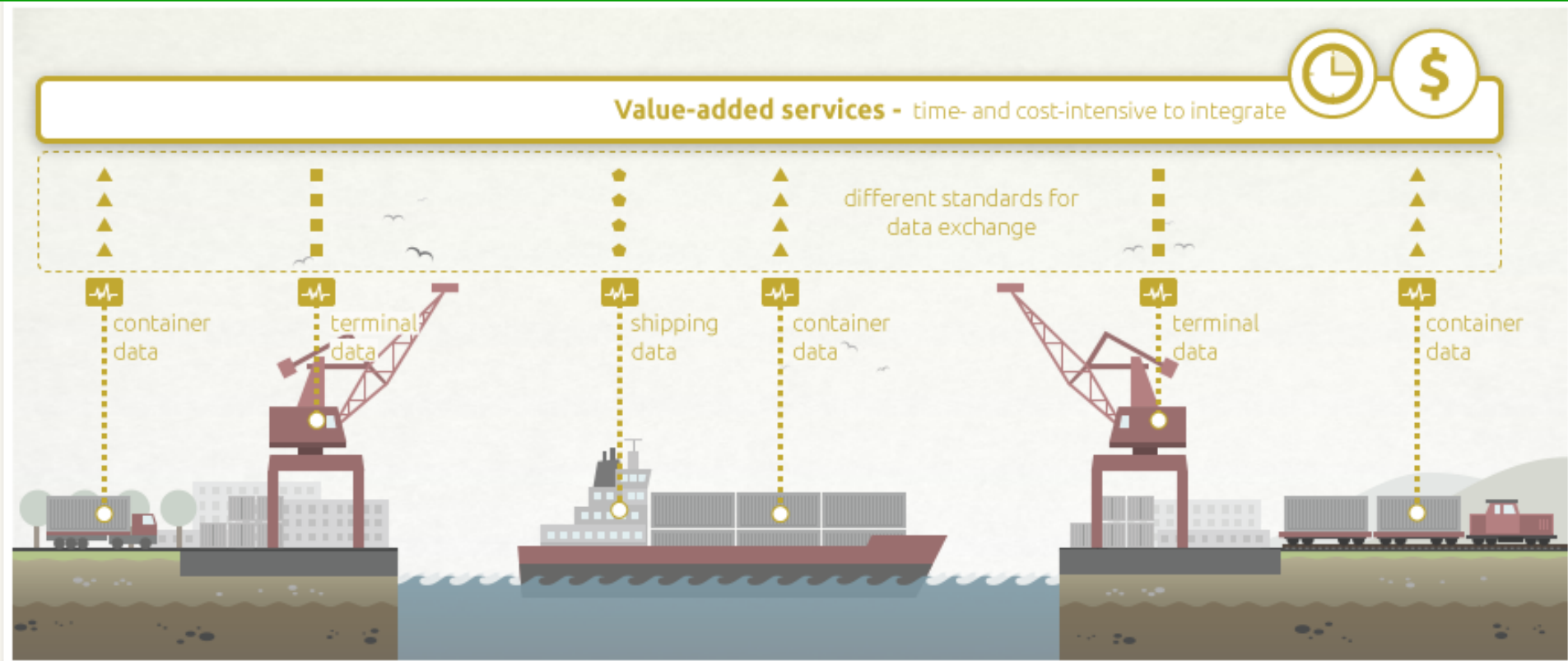
- Deliver awareness throughout global supply chains to solve problems of data fragmentation, delay, and inconsistency.
- Use data drawn from the entire supply chain to provide accurate, comprehensive logistics information.
- Identify problems sooner and adjust plans proactively, minimising the impact of deviations or other exceptions.

Vision Why

WHY?

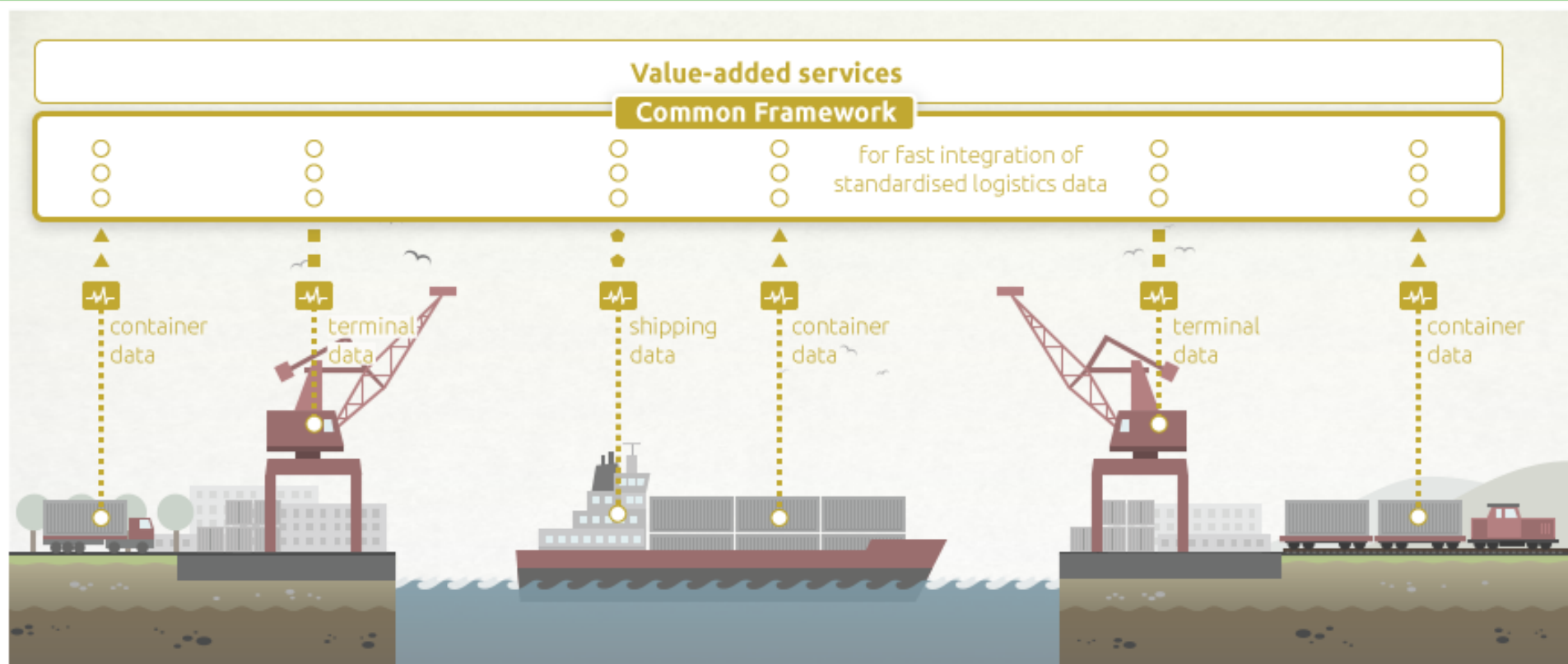
- Professional actors benefit from greater operational control and identify opportunities for further improvement.
- By raising the quality of services, actors can also create added value for their customers.
- COMCIS improves processes, but also becomes part of the product which is a much more strategic motivation.

Vision How



1. Different standards are time- and cost-intensive to integrate

Vision How



2. Common Framework for fast integration of logistics data

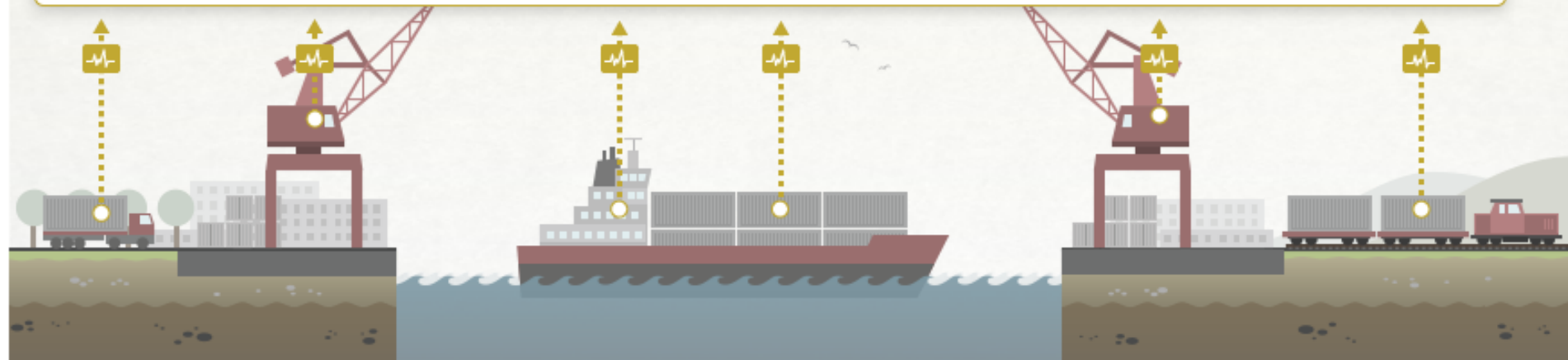
Vision How

3-layer architecture

Data consolidation

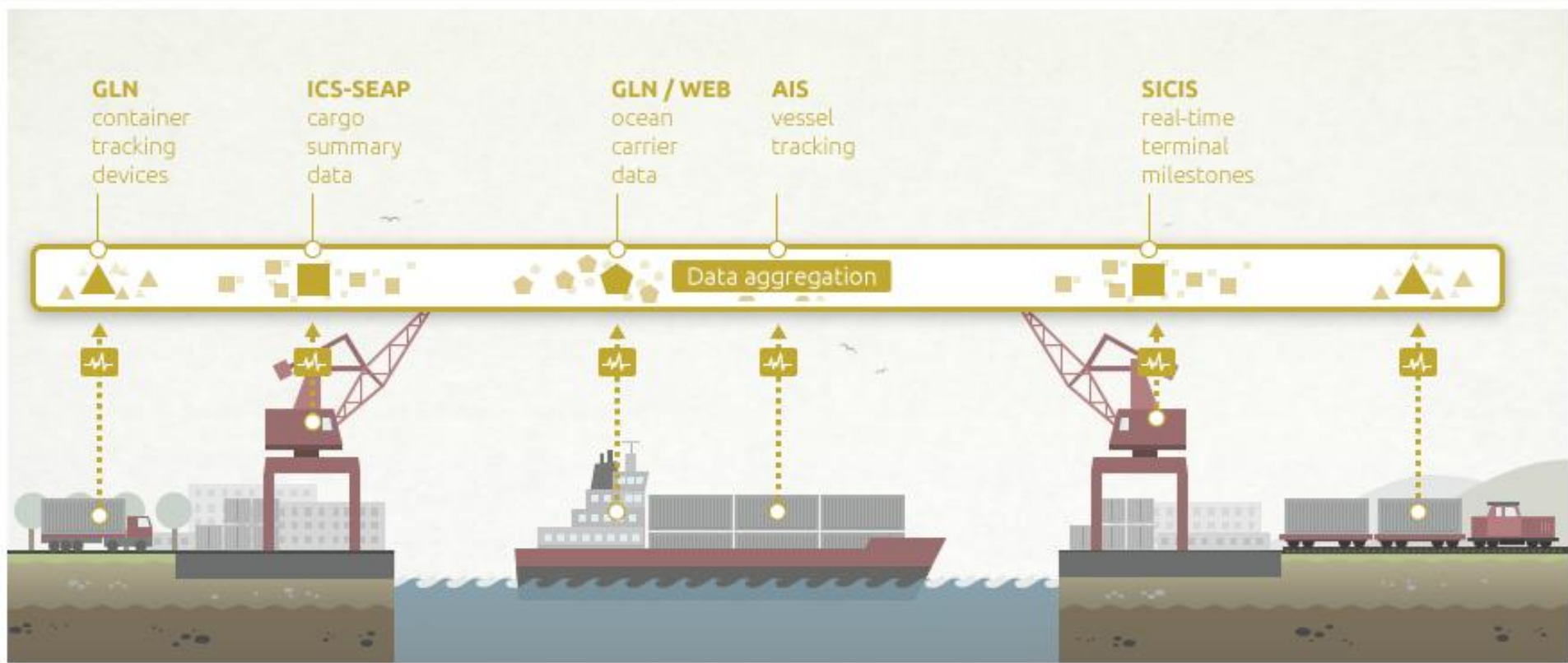
Data standardisation

Data aggregation



3. 3-Layer architecture supporting B2B and B2C

Vision
 How



4. Aggregation for easy access to multiple data sources

Vision
How

Business-to-Business (B2B)

TSD (transport service description)
 TEP (transport execution status)
 TS (transportation status)

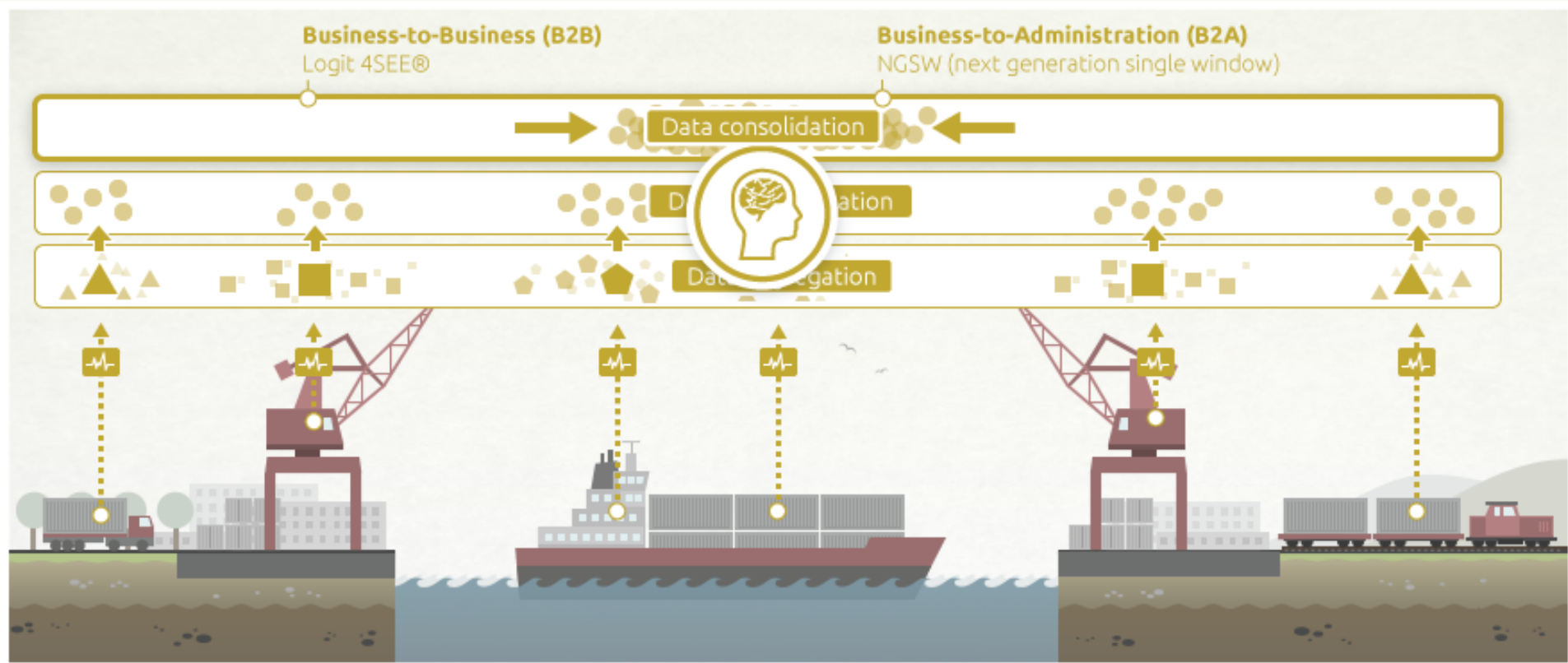
Business-to-Administration (B2A)

CRS (common reporting schema)
 SDM (security data message)



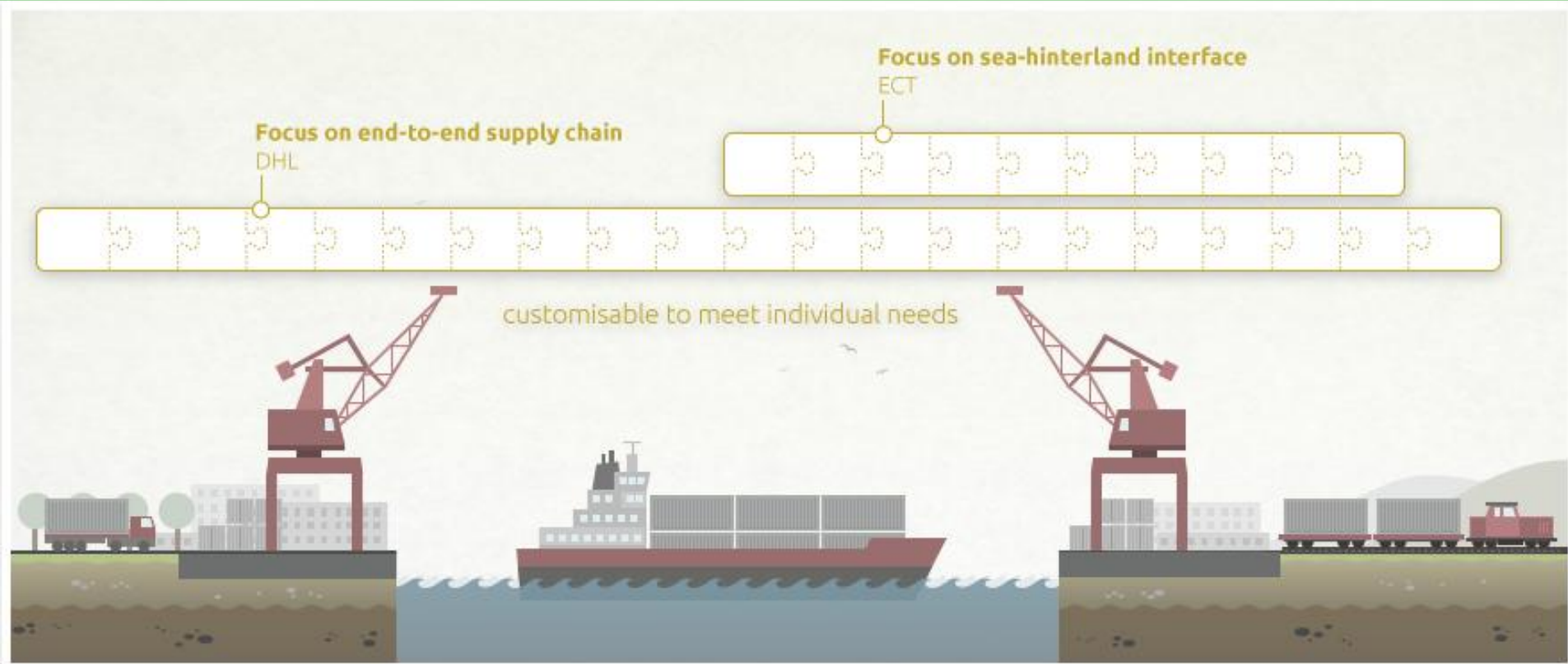
5. Standardised data independent of original source & format

Vision
How



6. Consolidation for qualified information that supports decisions

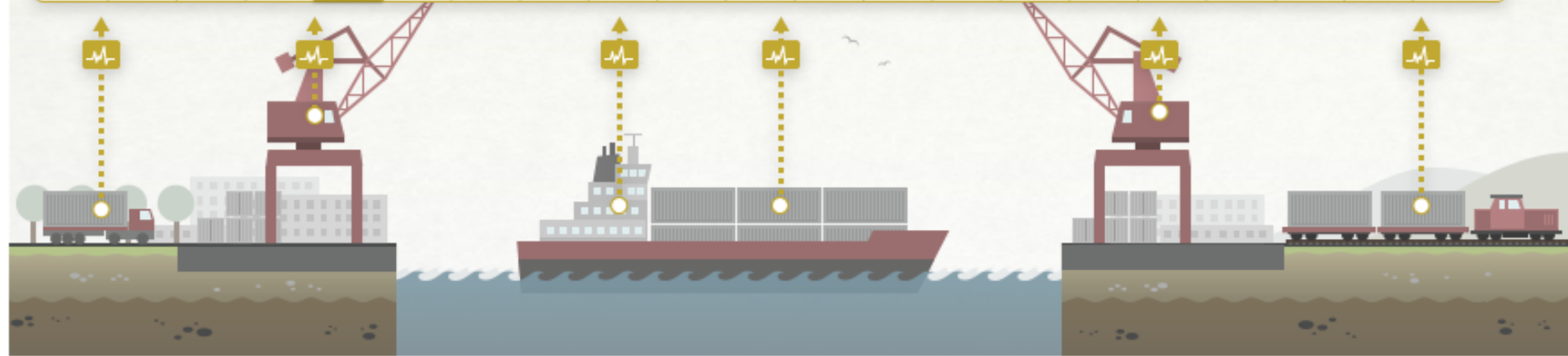
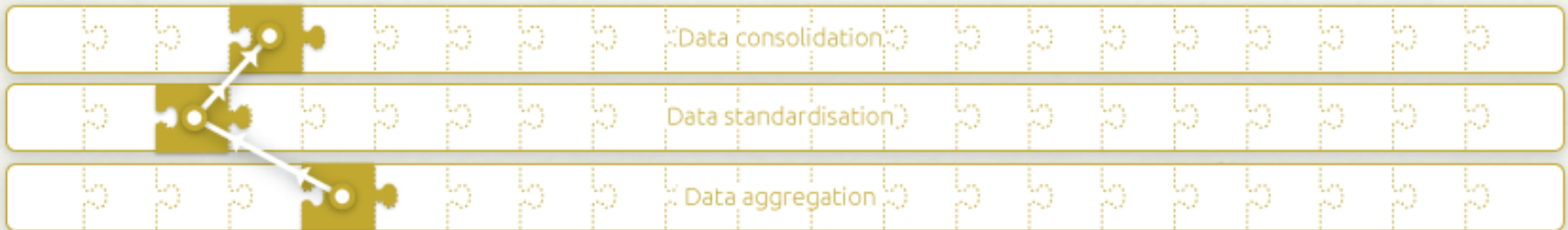
Vision
 How



7. Wide range of applicability

Vision How

customisable to meet individual needs



8. Pick the data sources & value added services you need

DHL story

What

WHAT?

- Solve the “Black Box” effect: Without true awareness throughout the global supply chain, it is difficult to accurately predict when shipments will arrive, especially if delays occur en route.
- Abandon disconnected data: There are many proprietary container-tracking mechanisms, each with its own interface.
- Provide consistent data: Multiple data sources sometimes provide contradictory or incomplete information, and the resulting uncertainty has implications for operational costs and service quality.

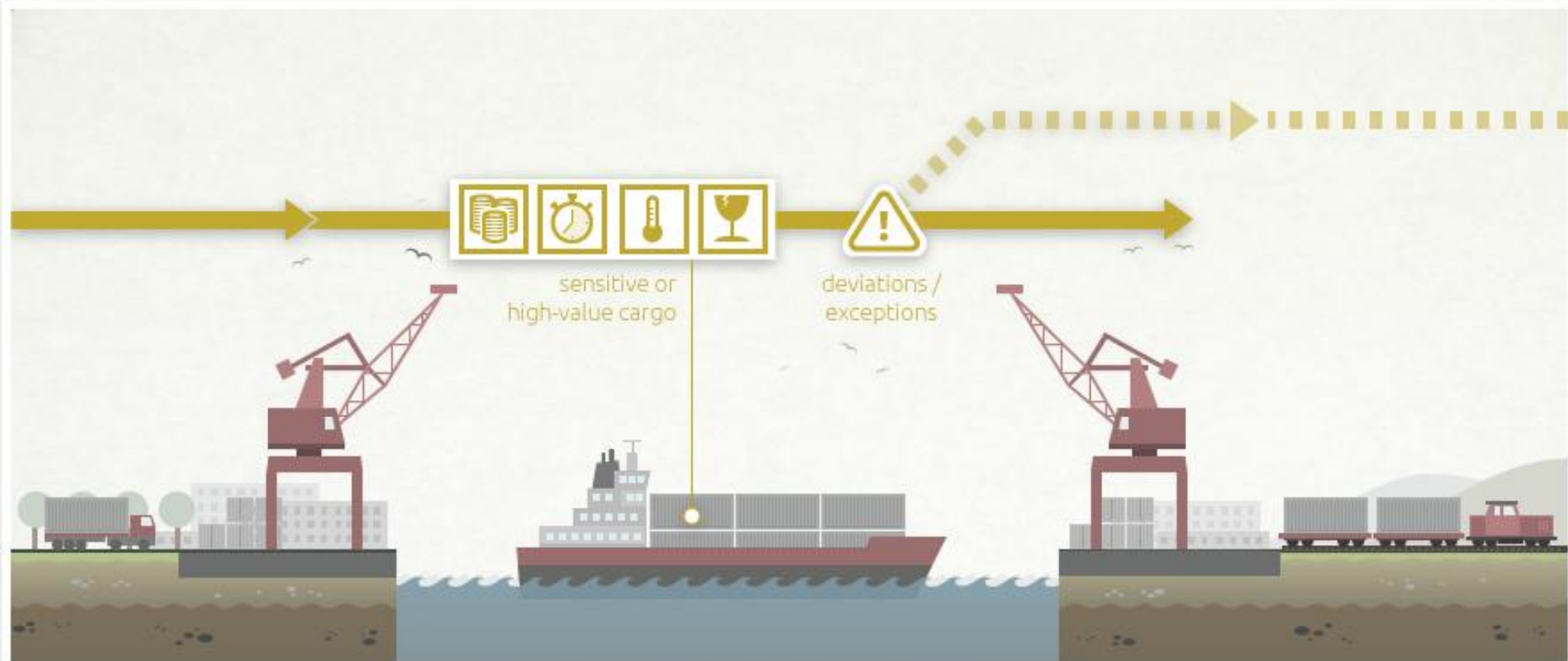
DHL story

Why

WHY?

- A quick, easy route to more intelligent visibility: DHL will improve its ability to remotely attend sensitive ocean freight shipments all the way from origin to destination.
- Respond to growing requests for qualified ocean freight services from shippers of sensitive goods.
- In the long term, financial benefits could also result from reduced pipeline and contingency stocks, with working capital requirements gradually reduced.

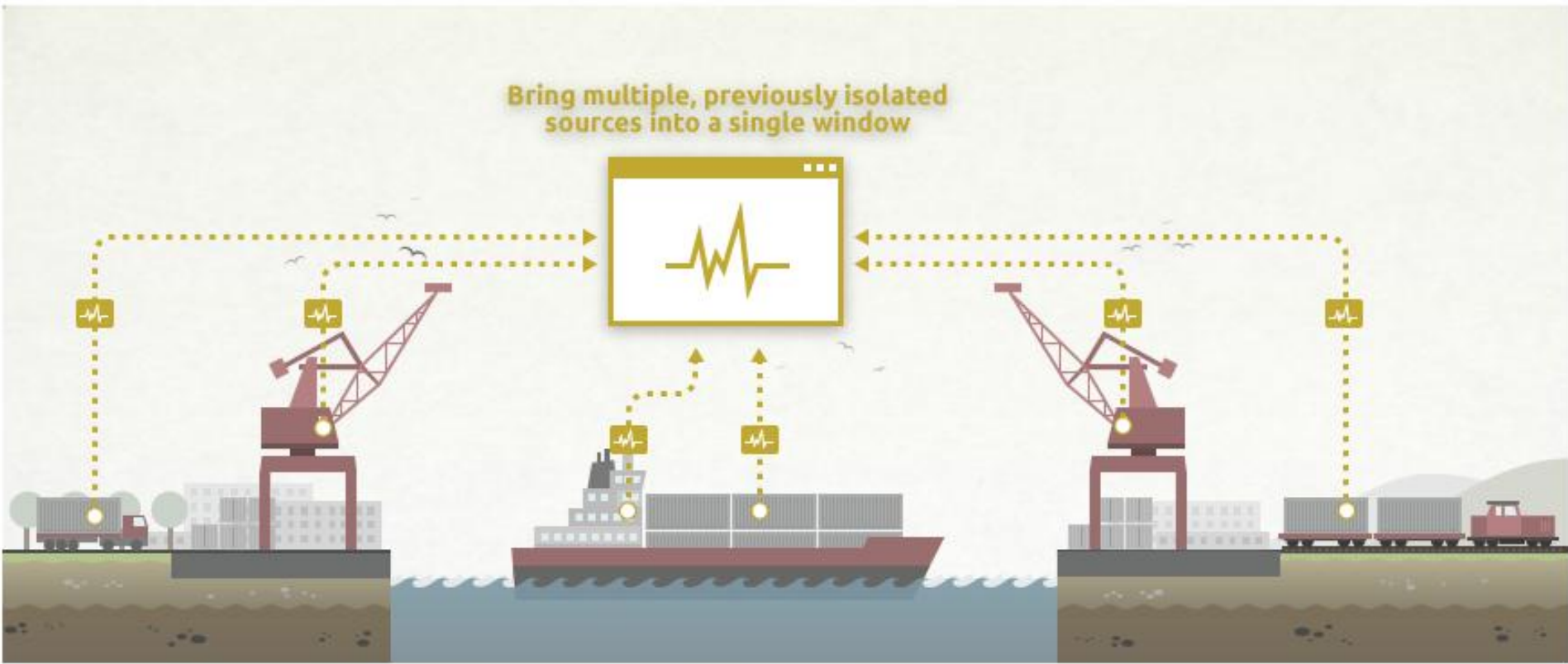
DHL story How



1. DHL wants to improve ability to identify & react to deviations

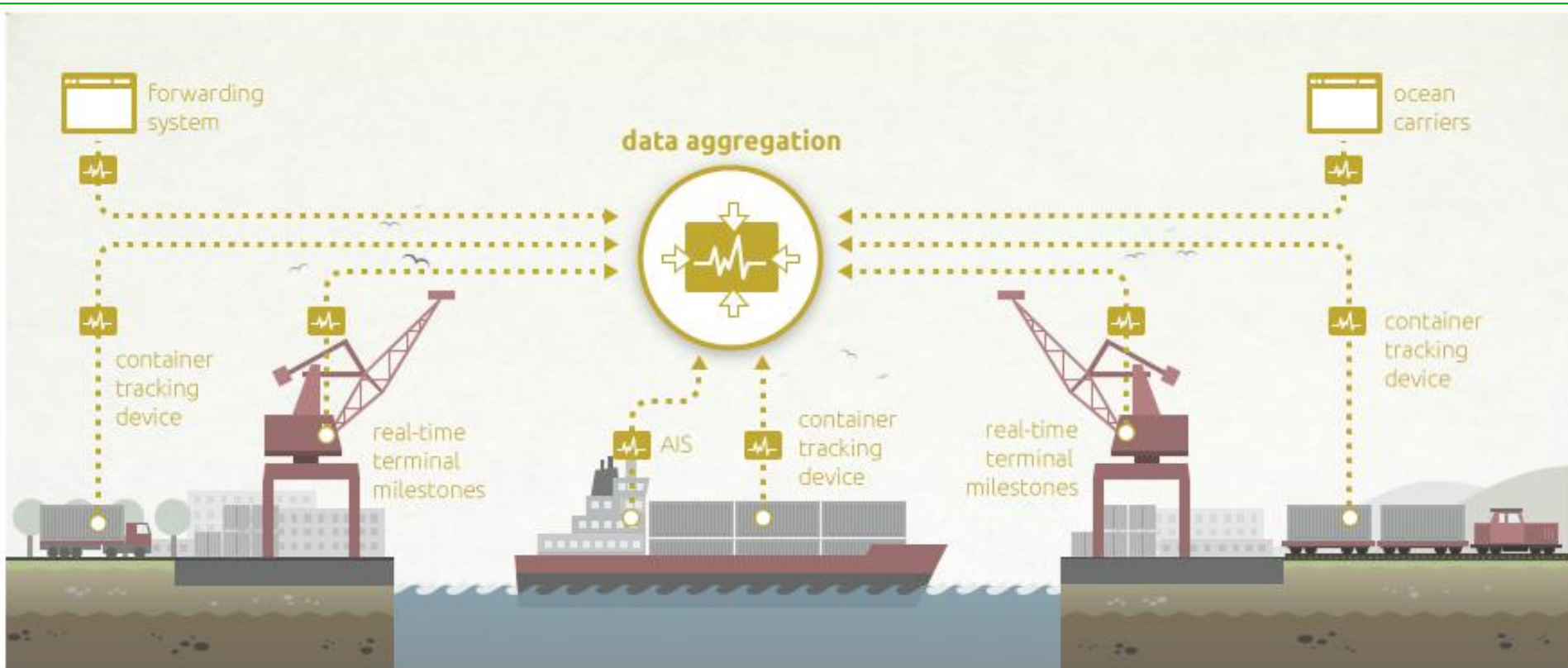
DHL story How

Bring multiple, previously isolated sources into a single window



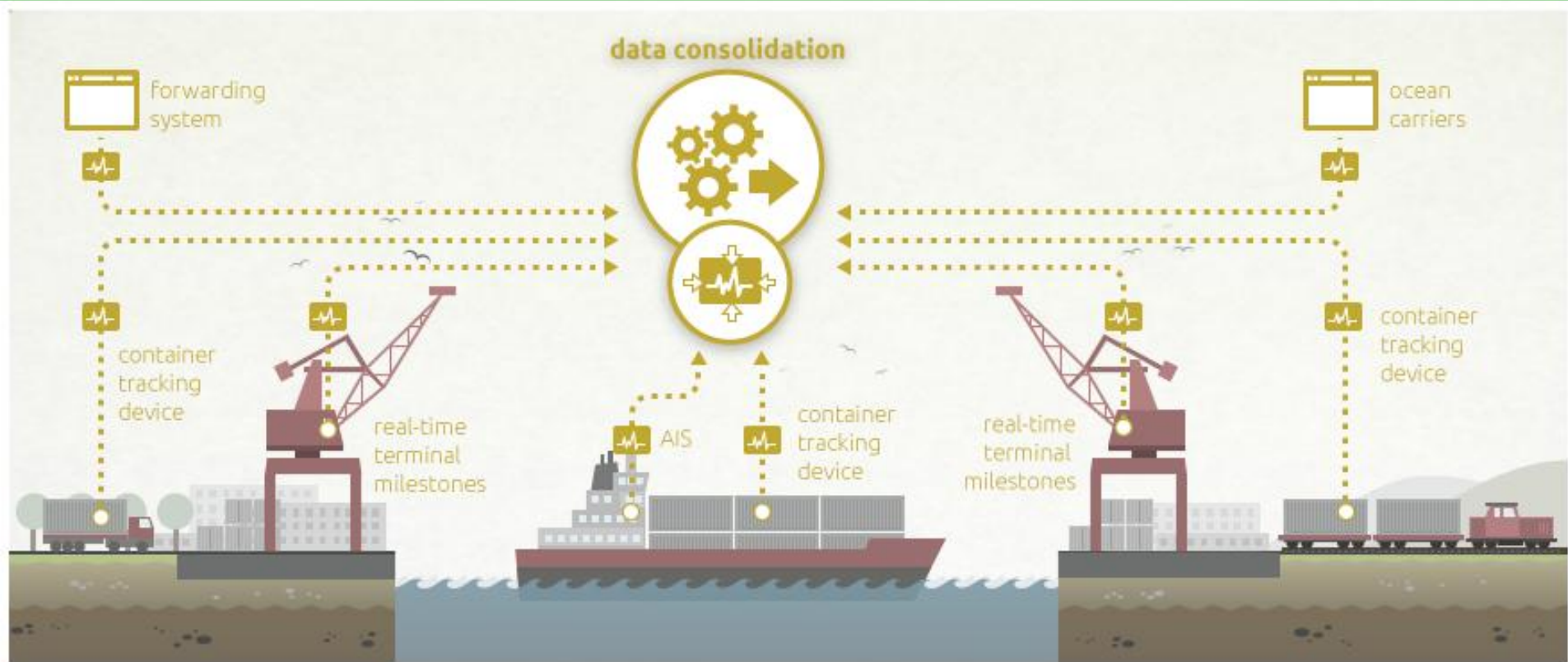
2. Improve accuracy & efficiency by combining services

DHL story How



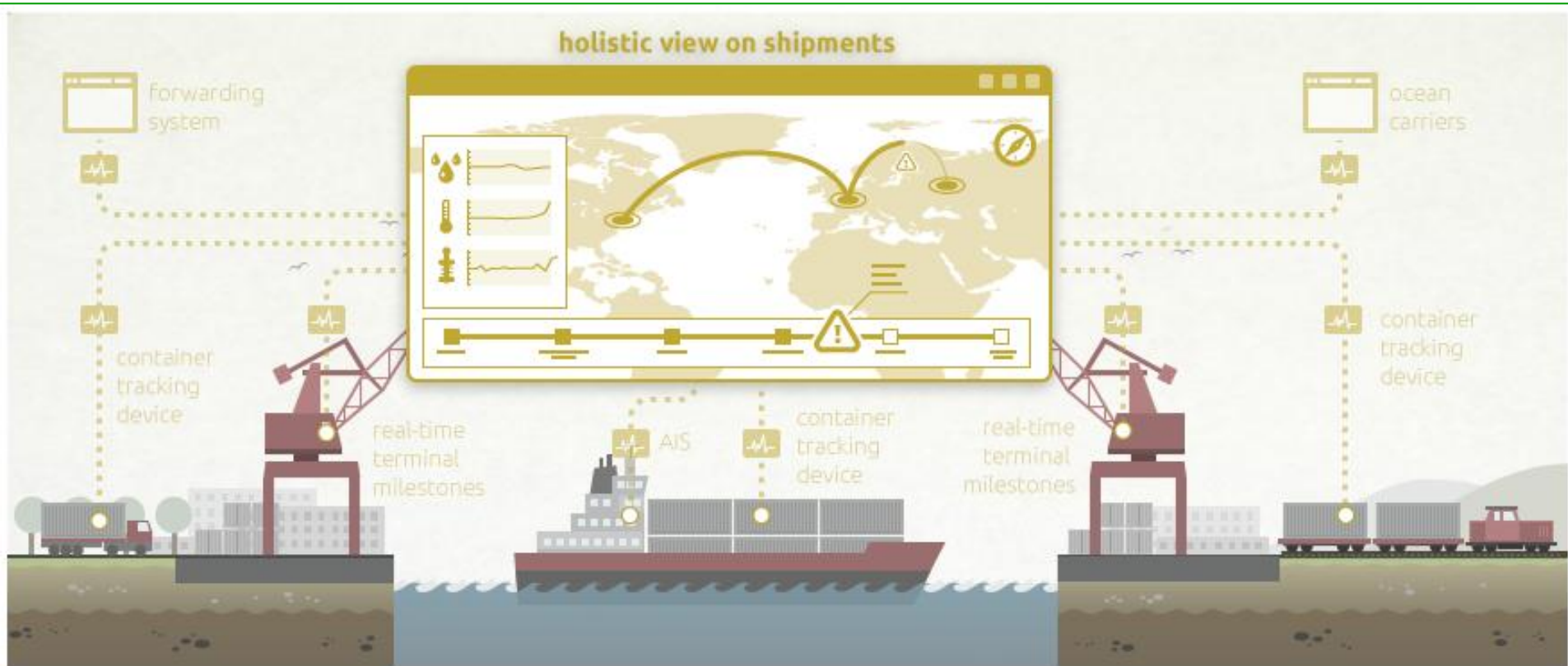
3. Use data on transport units, transport means & services

DHL story How



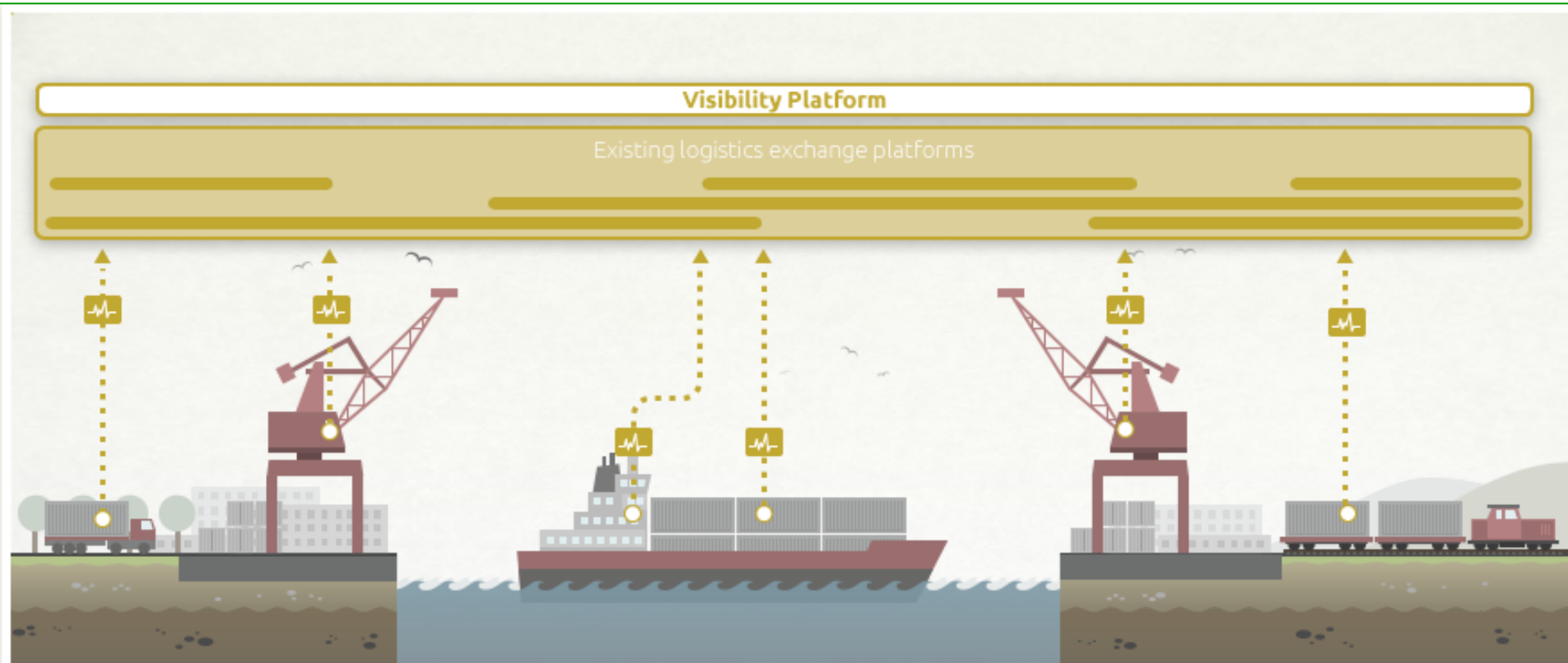
4. Create intelligence by interpreting & validating raw data

DHL story How



5. Dashboard to drill-down, forecast & address conflicts of data

DHL story How



6. Thin layer for helicopter view on top of operational systems

For more information:
www.comcis.eu

This project is funded by  



ANNOUNCEMENTS

[ARCHIVE >](#)

"Upcoming DHL demonstrator rollout: our second industry implementation, the DHL release will be issued in November 2012."

MOBILISING GLOBAL FREIGHT DATA

A VISION DELIVERED . DHL STORY . ECT STORY

Creating a global data environment to strengthen situational awareness about containerised ocean freight, improve operational control and enhance general service levels.



COLLABORATIVE INFORMATION SERVICES FOR CONTAINER MANAGEMENT



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Thank you
for your
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