Transforming intermodal transport: innovations for the future of logistics

Lugano, 7 June 2024

Digitisation and standardisation: ready for the next steps
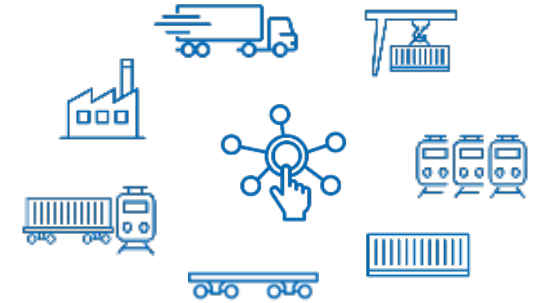
Hans-Jörg Bertschi
Chairman Hupac

INTERMODAL
is at a crossroads.

DIGITALISATION
is the key.

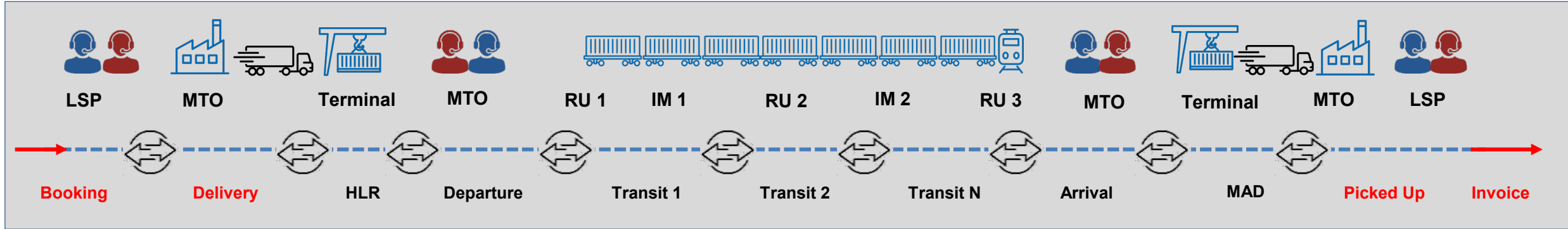Digitisation requires
STANDARDISATION.

Digital Milestones: Intermodal sector & Hupac

2025 ff **Intermodal sector standards disseminate in Europe, supported by UIRR**

2024 **Initiative to further develop intermodal sector standards**

2023 **DXI Data Exchange Intermodal, European intermodal data hub**

2023 **CESAR-NEXT, new release of the track & trace platform**

2020 **ETP, Estimated Time of Pickup for customers**

2018 **WOLF Train radar for real-time supply chain visibility**

2017 **EDIGES Consortium**

2014 **WOLF, Web Oriented Logistic ERP, open to customers, terminals, railways, ports**

2004 **EDIGES, machine-to-machine data exchange with customers, terminals, RUs**

1997 **Cesar, European track & trace platform**

1990 **GOAL, integrated ERP software for intermodal operators and terminals**
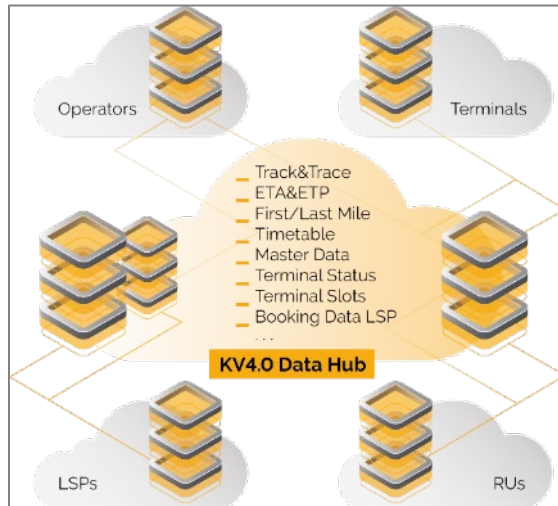
Overcoming manual interfaces, using common processes and languages
Digital solutions for visibility, productivity and competitiveness

LSP	MTO	Terminal	MTO	RU 1	IM 1	RU 2	IM 2	RU 3	MTO	Terminal	MTO	LSP
Booking	Delivery	HLR	Departure		Transit 1	Transit 2		Transit N	Arrival	MAD	Picked Up	Invoice

Machine-to-machine data exchange

> **Standard intermodal processes and milestones**
> **All data from a single source**
> **Standard interface language EDIGES**
> **Estimated Time of Arrival & Pick-up**
> **Optimizer including Artificial Intelligence**

! **Less manual planning & scheduling, more exception management**
! **Cut of overhead costs in value chain**
→ **Goal: higher competitiveness to road transport**

Sectoral initiative for more standardisation?