

# IVU Traffic Technologies

## Standard Software for Public Transport



# IVU.suite for bus and train

## SERVICE PLANNING

Network and  
timetable  
planning

IVU.timetable  
IVU.trainpath

## RESSOURCE PLANNING

Vehicle  
scheduling

IVU.run

## RESSOURCE DISPATCHING

Vehicle dispatch  
and depot  
management

IVU.vehicle  
IVU.charge

## FLEET MANAGEMENT

Control centre

IVU.fleet  
IVU.controlcentre

## TICKETING AND ON-BOARD DEVICES

Tariff  
management  
and fare  
collection

IVU.fare

## INFORMATION AND ANALYTICS

Dynamic  
passenger  
information

IVU.realtime  
IVU.journey

## CONTROLLING

Accounting  
and reporting

IVU.control

Data  
integration

IVU.pool  
IVU.integration

Personnel  
and duty  
scheduling

IVU.duty

Personnel  
dispatch

IVU.crew

Incident  
management

IVU.incident

Ticket sales  
and inspection

IVU.ticket

Big data and  
analytics

IVU.data

Mobile  
workplace

IVU.pad

On-board  
software

IVU.cockpit

Vehicle  
equipment

IVU.box  
IVU.ticket.box  
IVU.validator



AUTOMATION AND  
OPTIMIZATION



# Standard for everyone

## PRODUCTS, PROCESSES, SOLUTIONS



### IVU.suite

**Powerful standard product** for all fields of activity of transport operators: from planning to the settlement of transport contracts.



### IVU.integration

#### **Interconnecting systems**

We ensure seamless system interaction and smooth data flows.



### IVU.xpress

#### **Proven project process**

Our implementation process allows you to plan your project more easily and ensures a rapid go-live.



### IVU.support

#### **Highly skilled support team**

Even after implementation, our highly skilled support teams will be available at all times.



### IVU.cloud

#### **Reliable hosting**

Powerful, reliable and with high levels of availability: We will host and operate your system in our cloud.

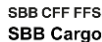


### IVU.consult

#### **Strategic consulting**

We support you in improving your offer and optimising your processes with the IVU.suite products.

# Transport Operators worldwide RELY ON IVU SYSTEMS

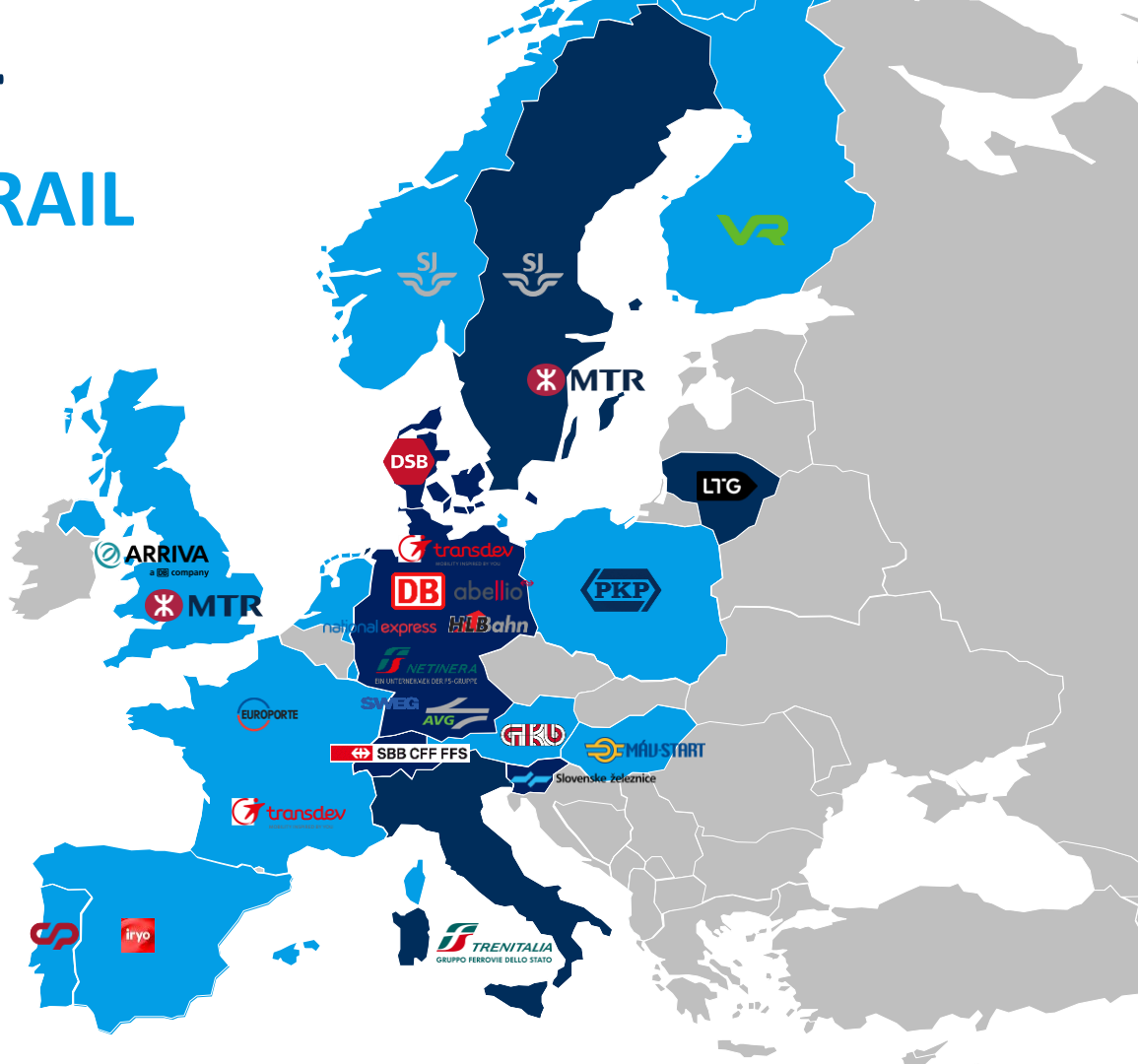


# IVU'S FOOTPRINT IN THE EUROPEAN RAIL MARKET

National railways including the German, Italian, Swedish, Danish and Finnish State Railways, and many privately held rail operators

## Legend

- Market leader
- Market presence



# IVU TRAFFIC TECHNOLOGIES WORLDWIDE NETWORK



By forming strategic alliances,  
IVU is able to provide a comprehensive  
solution everywhere



*Engineering & Consulting*

*Part of DB E.C.O. Group*



**DIE BAHNINDUSTRIE.**

VDB VERBAND DER BAHNINDUSTRIE IN DEUTSCHLAND E.V.



**VDV** Die Verkehrs-  
unternehmen

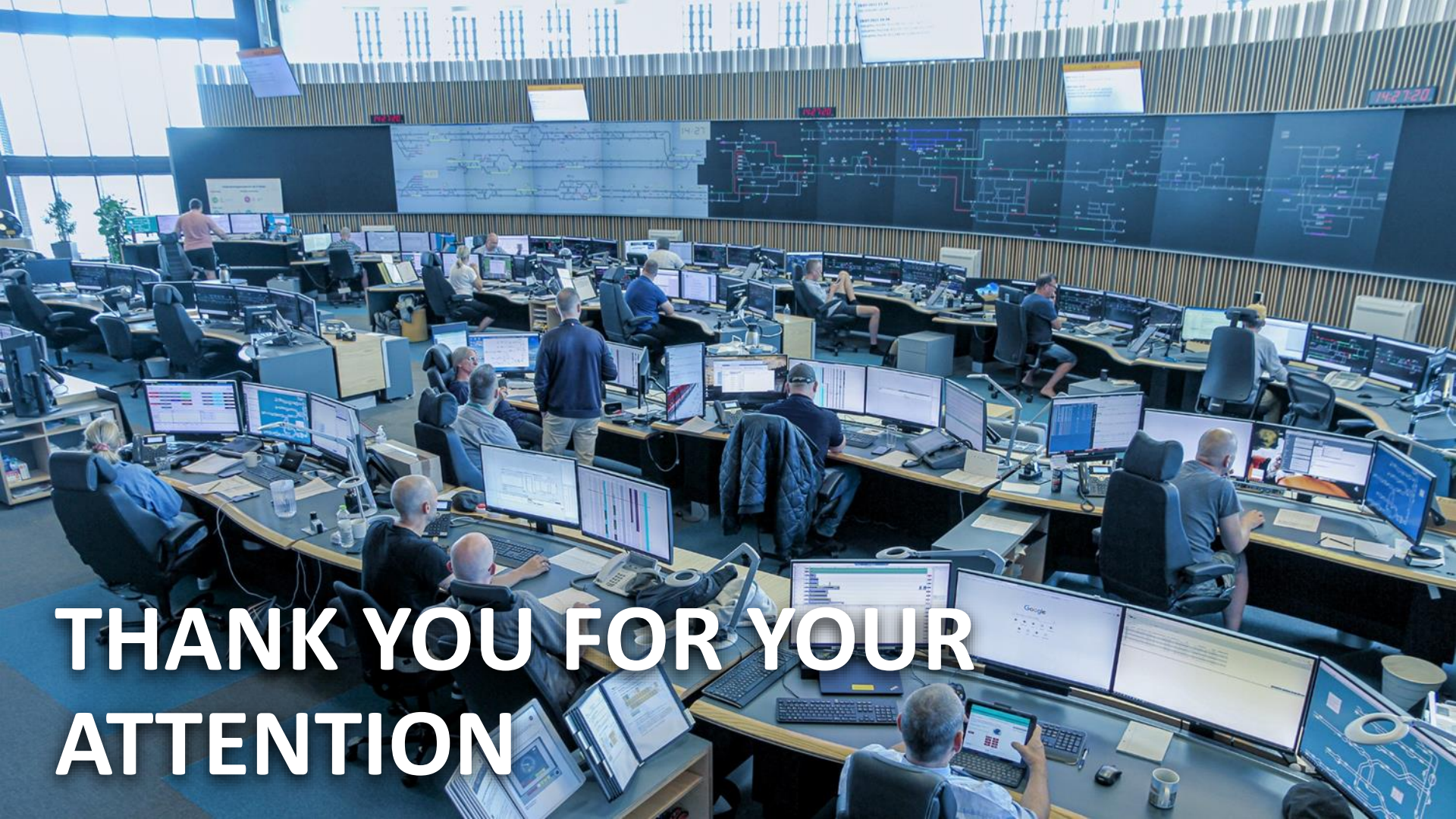


# Key advantages

## IVU.rail and Services

- **One integrated system for Scheduling, Resource Management and Control Centre**  
replaces legacy systems that are not proper integrated
- **Rules-based system to optimize the schedulers work**  
for fast and largely automatic resource planning
- **Powerful optimization components**  
for the most efficient usage of crew/trains
- **Built to support large, heavy rail customers**  
scalable for railways with many vehicles, employees and users and complex rulesets
- **IVU workforce management software worldwide in use**  
for more than 30.000 Locomotive Engineers, On-Train and stationary staff





**THANK YOU FOR YOUR  
ATTENTION**