



INTERNATIONAL UNION
OF RAILWAYS

unity, solidarity, universality

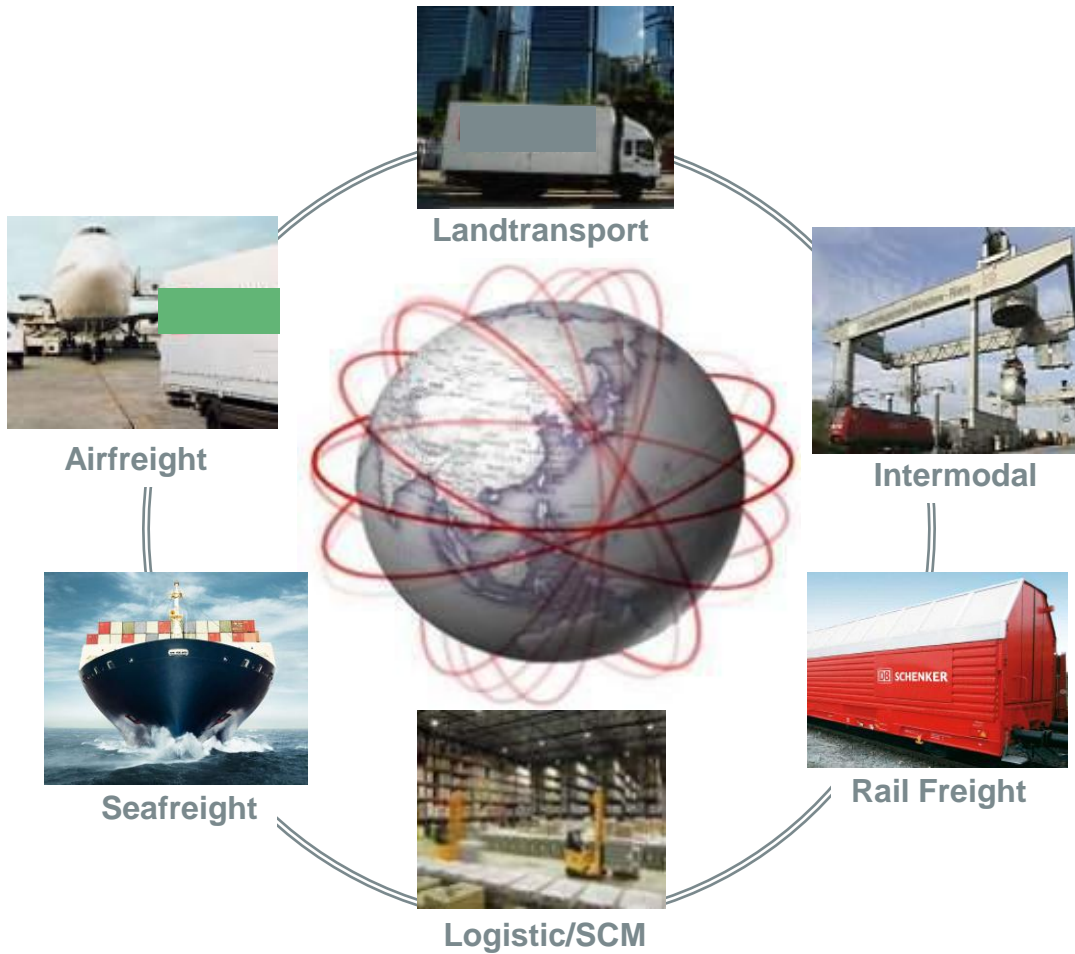
What is the role for technology and innovation in global logistics?

IT on rail in Global Logistics

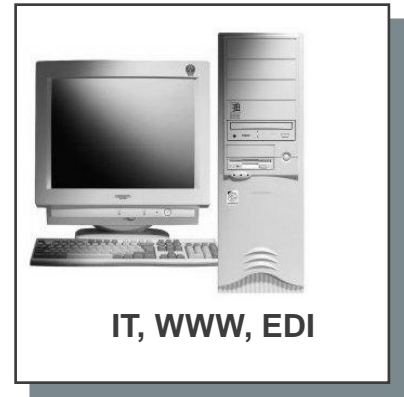
Rainer Wilke
UIC IT Study Group



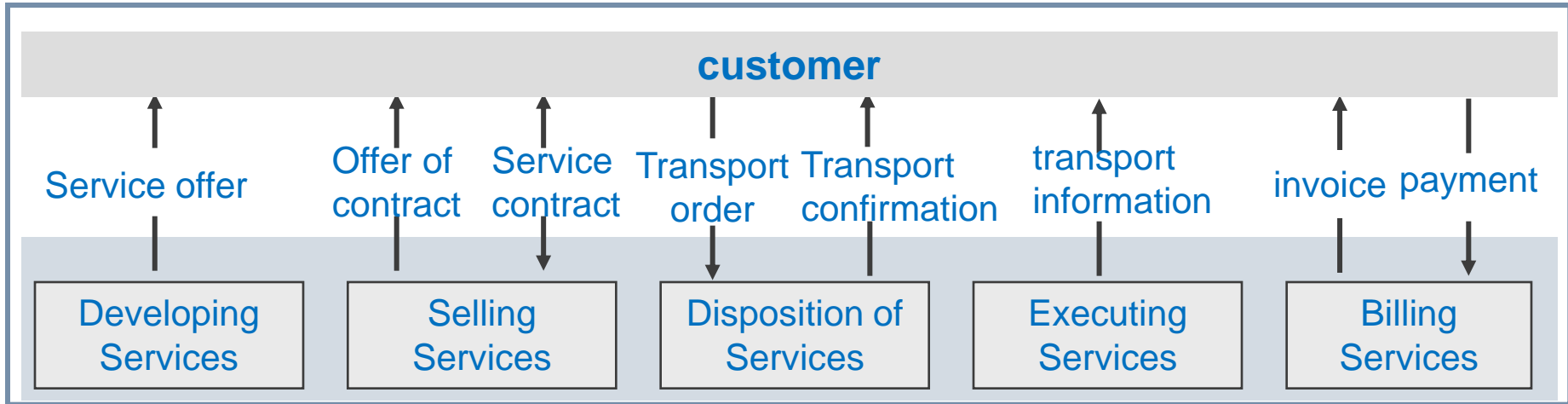
IT is an essential part of Logistic



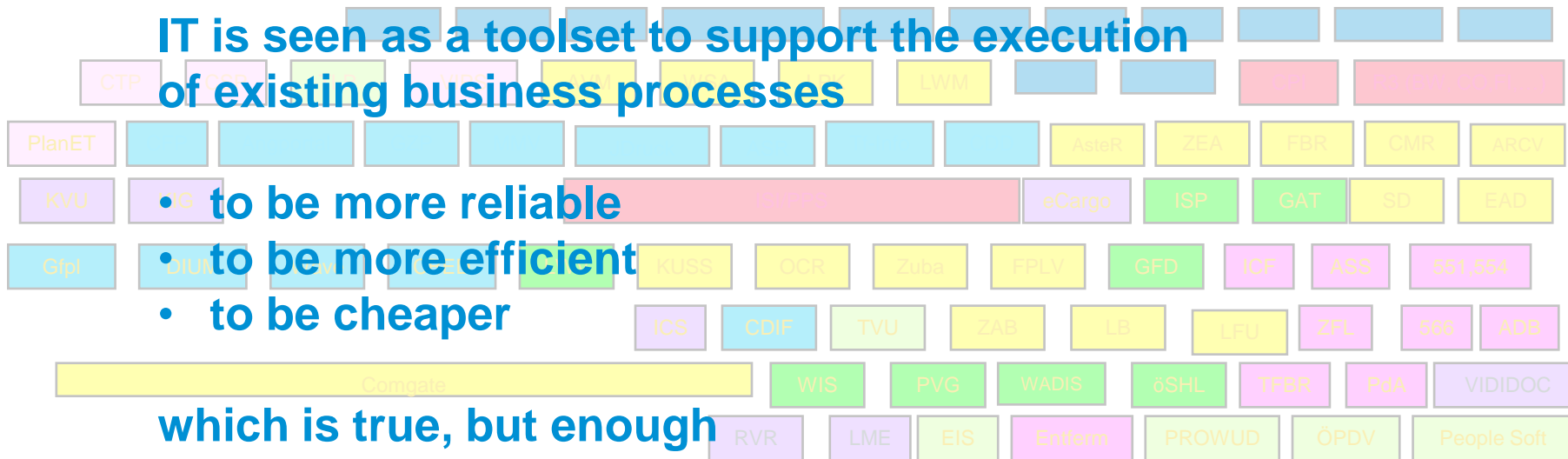
**Unthinkable
Impractical
without**



IT as a toolset to support processes



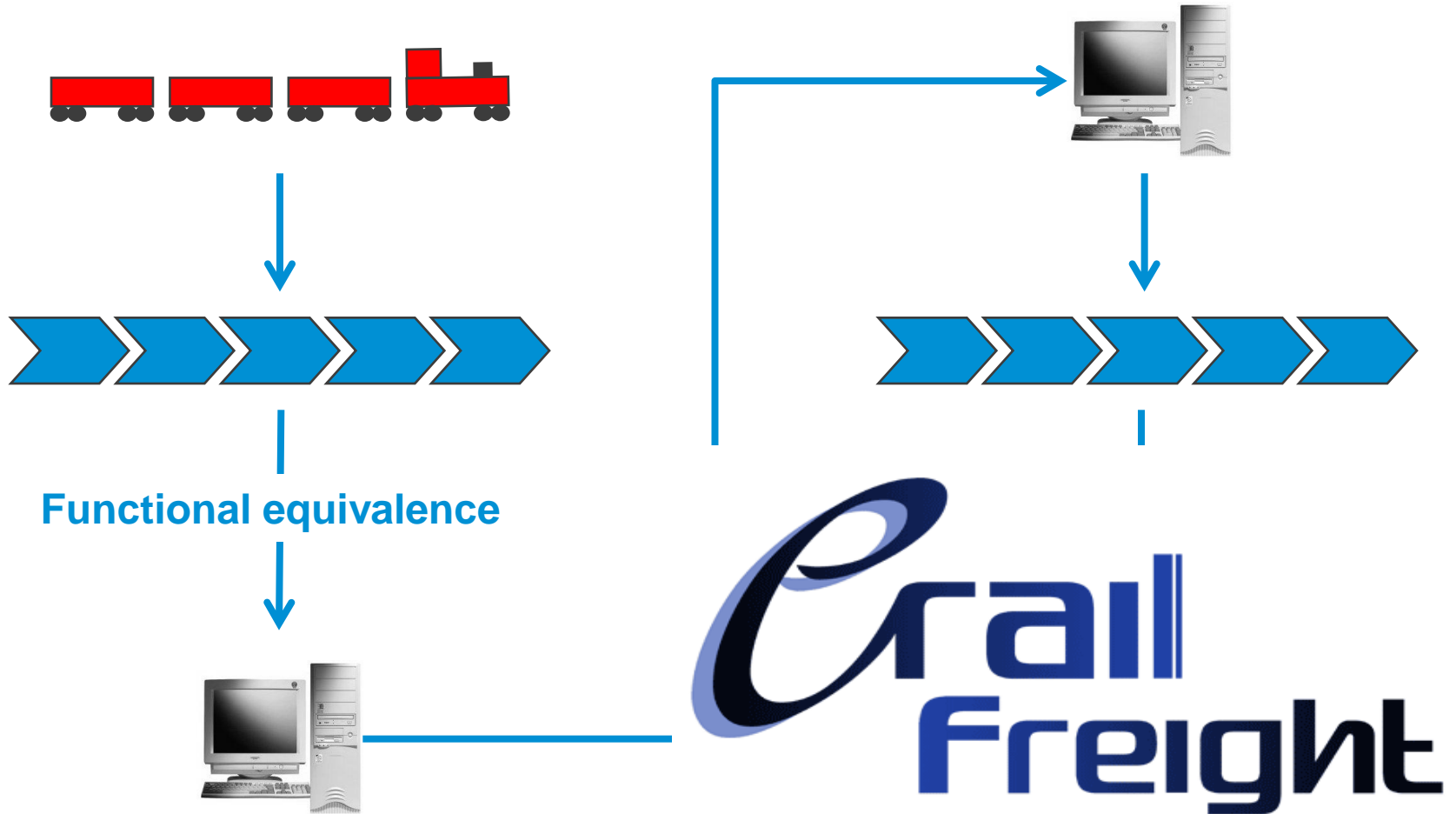
IT is seen as a toolset to support the execution of existing business processes



- to be more reliable
- to be more efficient
- to be cheaper

which is true, but enough

IT as basis for business processes



- **Electronic data exchange of Consignment Note Data**
 - between all involved parties
 - Simultaneously with data entry
- **Paperless Transport;**
 - Information flow will be independent from and
 - ahead of the physical train movement
- **Data available at any time**
 - by all kind of technical devices
 - as print out

and where needed

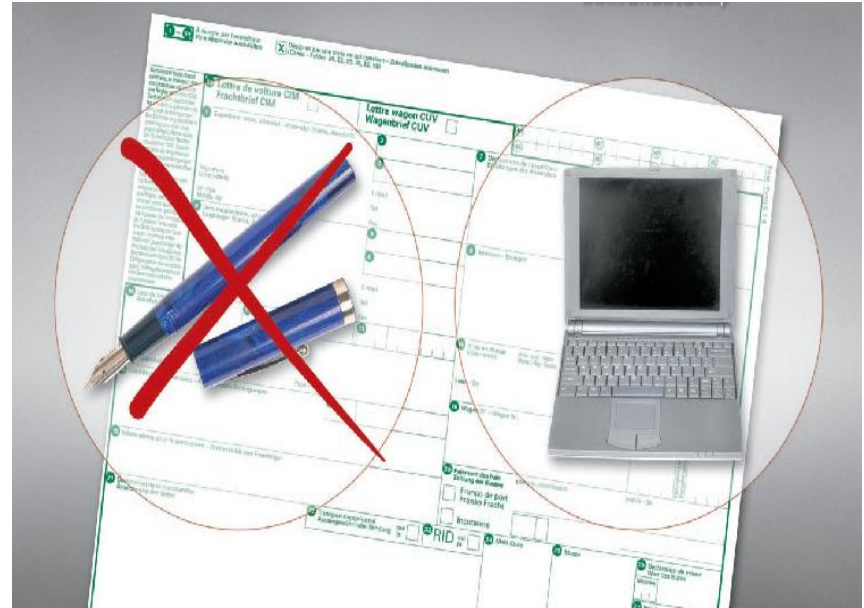
 - Rail production and commercial facilities
 - Customs and other supervisory authorities
- **Interoperable in different legal areas (CIM/SMGS)**

Legal specifications **done**

- for CIM
- e-RailFreight is part of the CIT/OSShD-project „Interoperability CIM/SMGS“

Functional and technical specifications **done**

- content of the messages, message structure and flow
- data catalogue, definition of codifications / code lists
- rights of access to the data
- mixed system



In operation



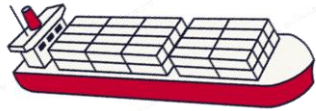
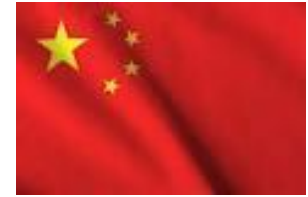
DB SCHENKER

Rail Cargo Austria
Ein Unternehmen der OBB

Transport time



11.000 km



40 - 45 Days



20 - 23 Days

Erail
Freight



15 - 18 Days

Save money and better the quality



- Reduction of rolling stock time of circulation
- Reduction of cost for operational work
- Reduction of cost for administrative work



- Shorter Transport Time
- More reliable with less delays
- Information ahead of transport
- Better revenue process
 - reliable between railway companies
 - correct customer invoices

Thank You for Your attention

**In the tough competition
of the logistic market**

IT will be the difference