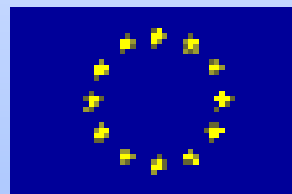


**Promotion of Short Sea Shipping and  
Inland Waterway Transport by Use of  
Modern Telematics**



**A project in the Transport RTD Programme  
of the European Commission, Directorate General for Transport**

# The Transportation Problem in Europe

- **Bottlenecks and Congestion**
- **Imbalance between modes**
- **Growth in transport in an enlarged European Union**
- **The need for integration of transport in sustainable development**

## Some Policy Actions

- **Improved quality in transport services**
- **Turning intermodality into reality**



# The Goals of PROSIT

- ➔ to support an "intermodal brokerage" for linking and tuning the demand and supply side in transport,
- ➔ to focus on organizational aspects → to improve the quality and reliability → to integrate into intermodal transport chains,
- ➔ to establish an after sales service for monitoring the transport → to guarantee the quality and reliability required

# Demonstrations and Scenarios

**Demonstrations** were performed in various regions in

Europe:

- Rhine area
- North and Baltic Sea
- Mediterranean Sea

**Scenarios** included cases of improvement of:

- Waterborne modes
- Intermodal chains
- Nodal (port) performance
- Cargo handling

# Results

easy to use

Software:

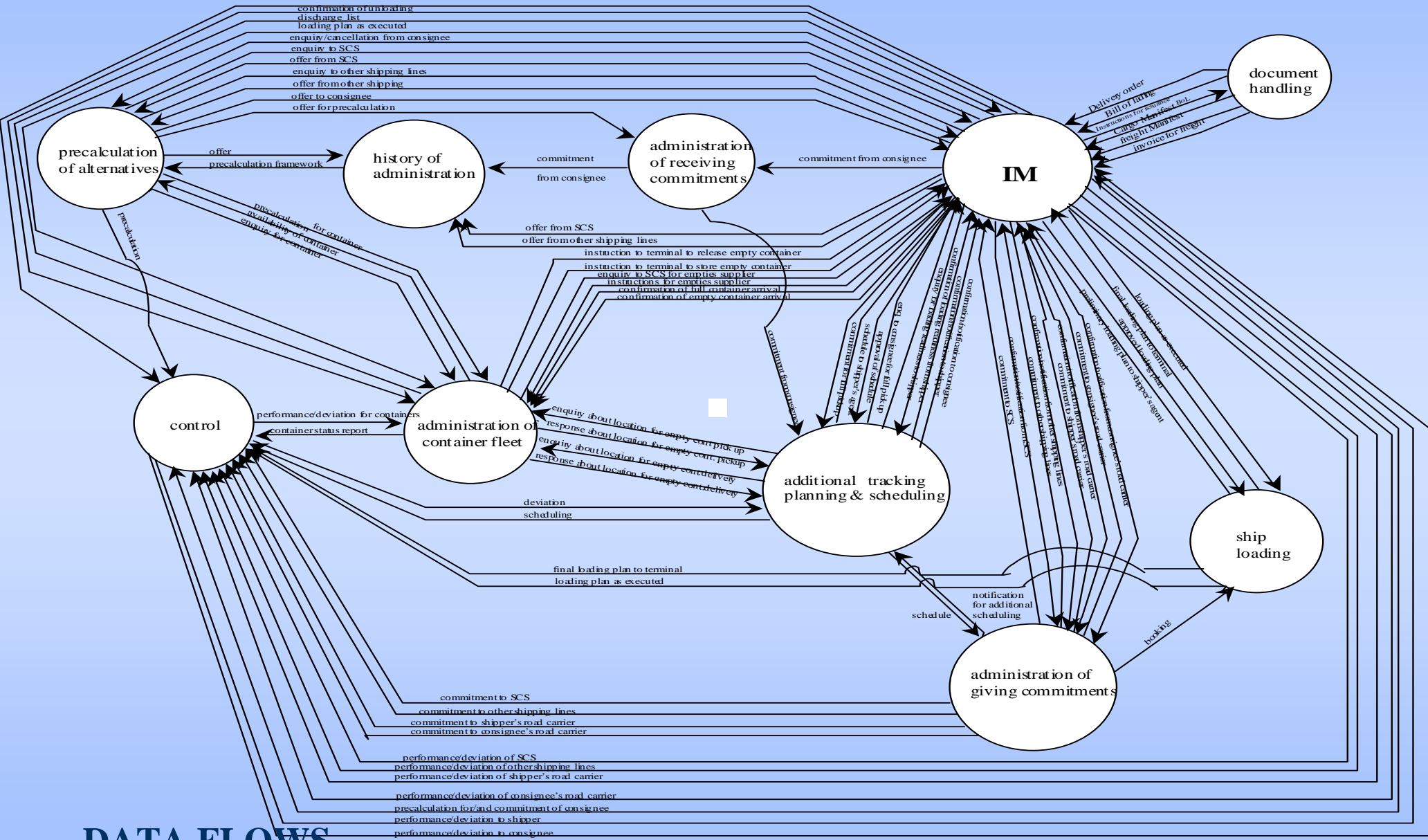
- establishing/improving interconnectivity between existing systems: **Interconnectivity Manager (IM)**
- providing services supporting logistics processes: **Brokerage and Control Software (BCS)**

combining logistics chains

satellite tracking

**Key Issue:**

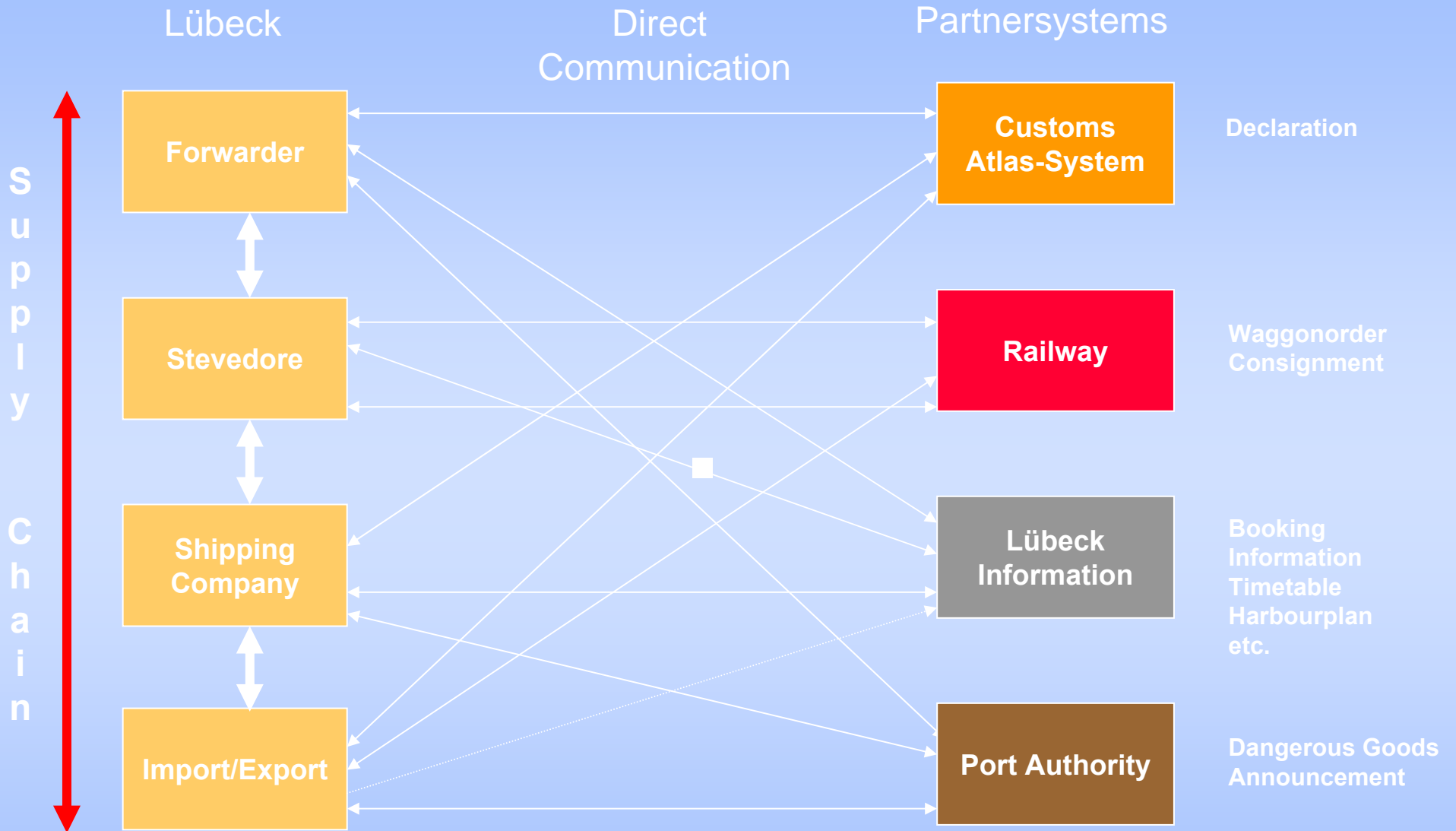
**Complexity !!!**

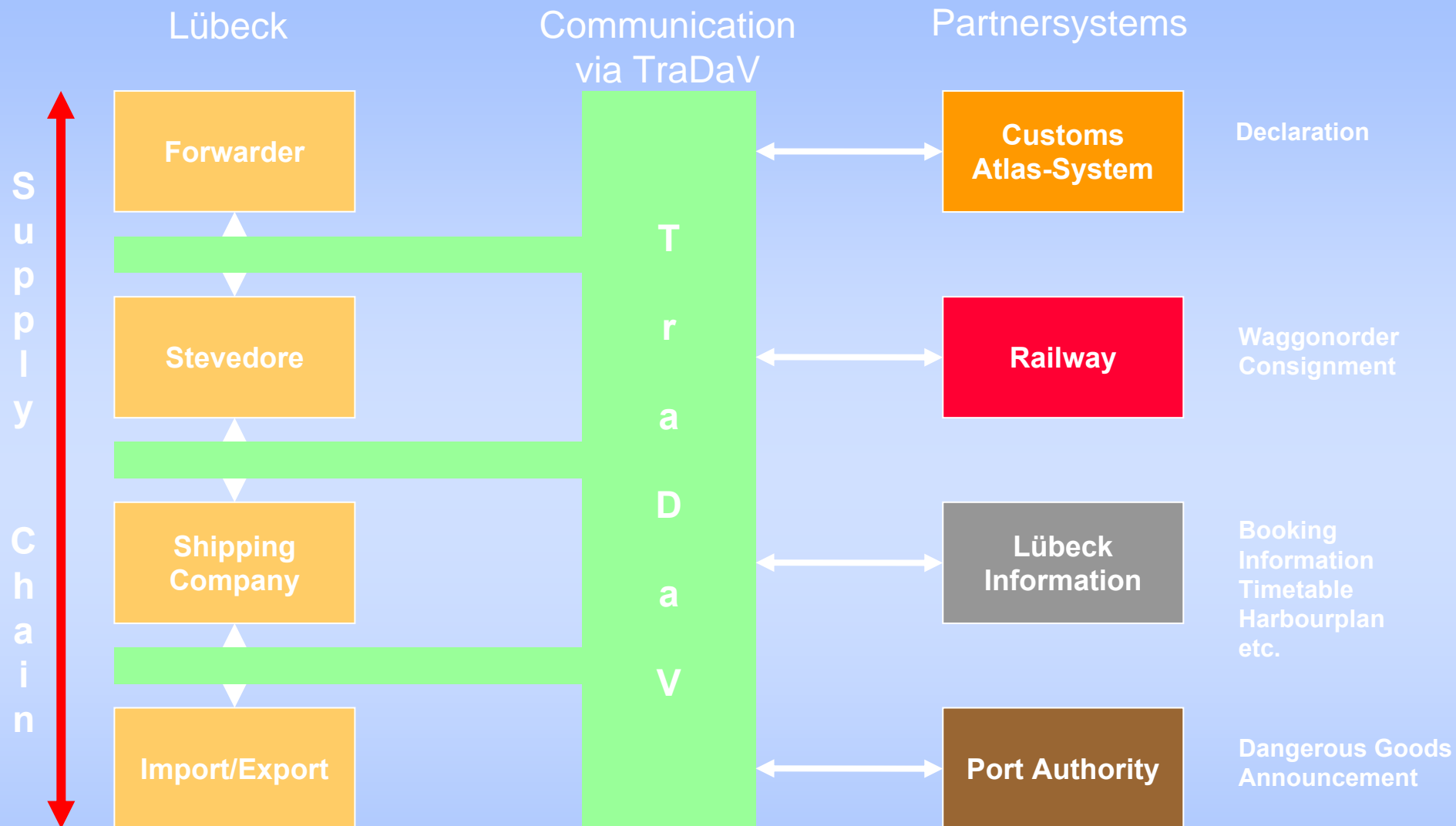


## DATA FLOWS IN PROSHIP MODULE









# Creating the Internet Transport Market

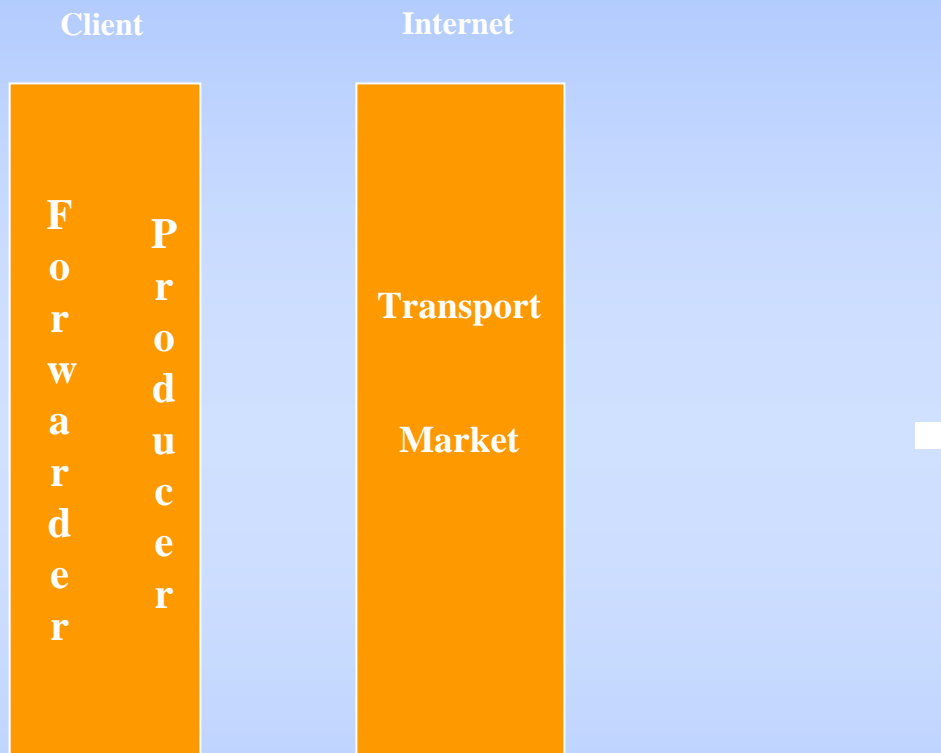


# Creating the Internet Transport Market

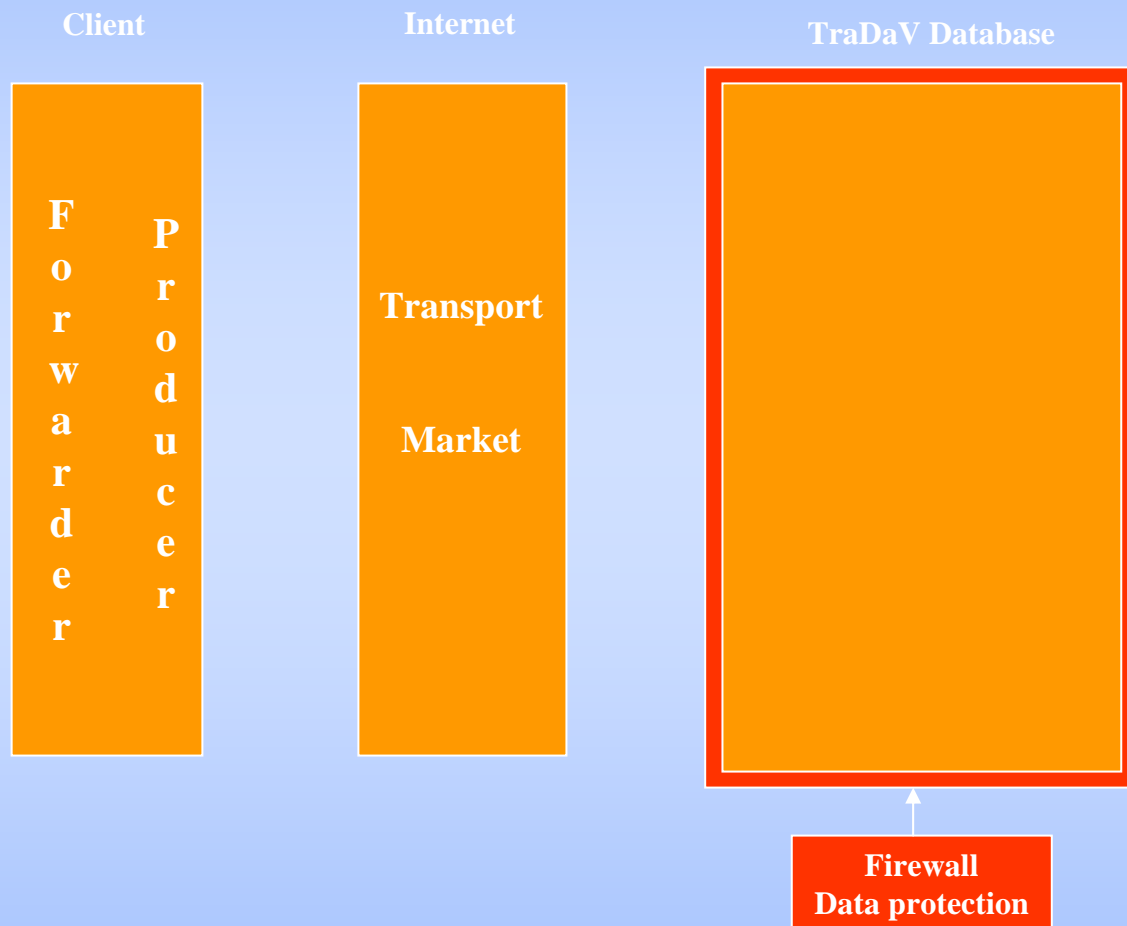
Client



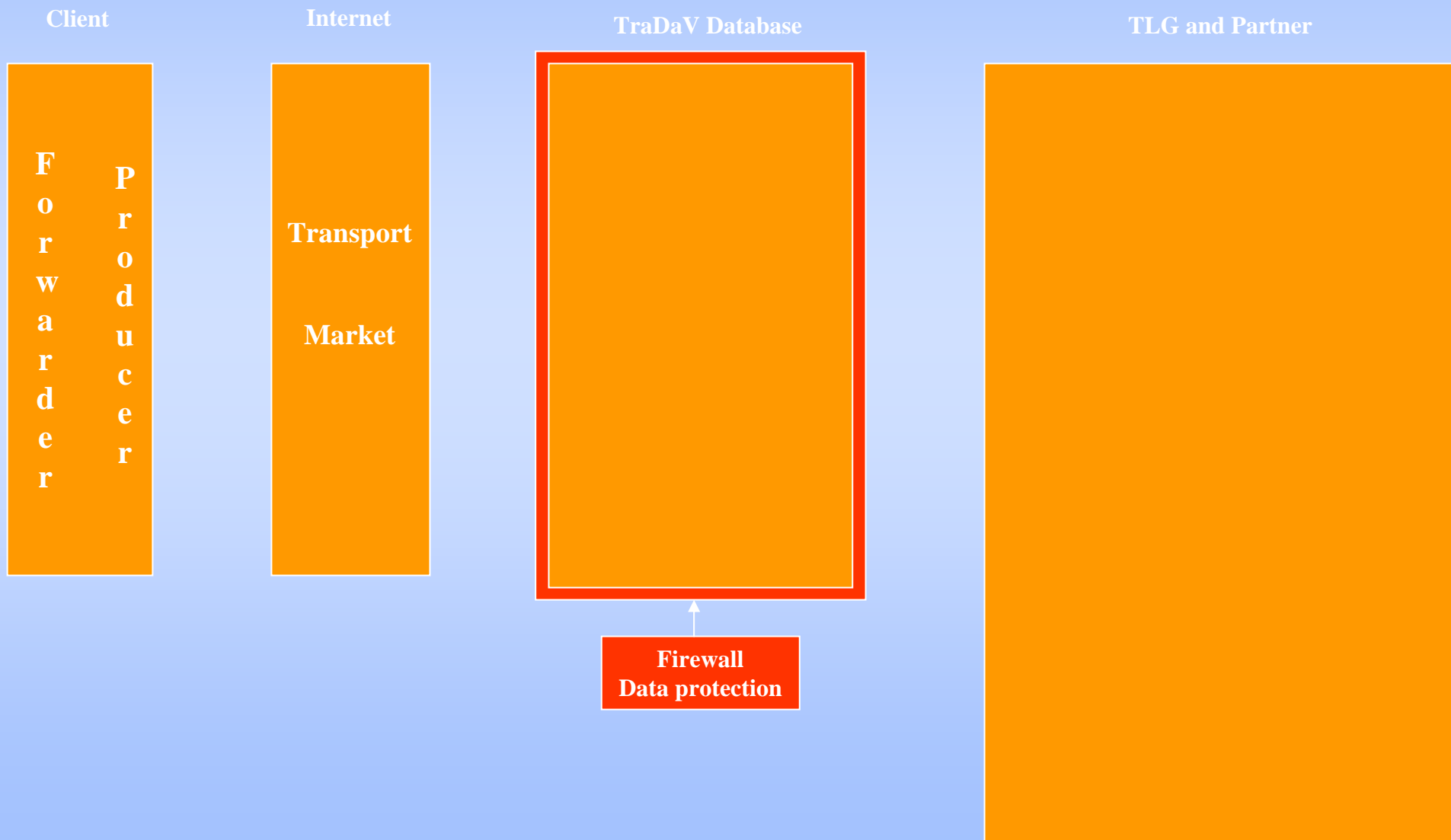
# Creating the Internet Transport Market



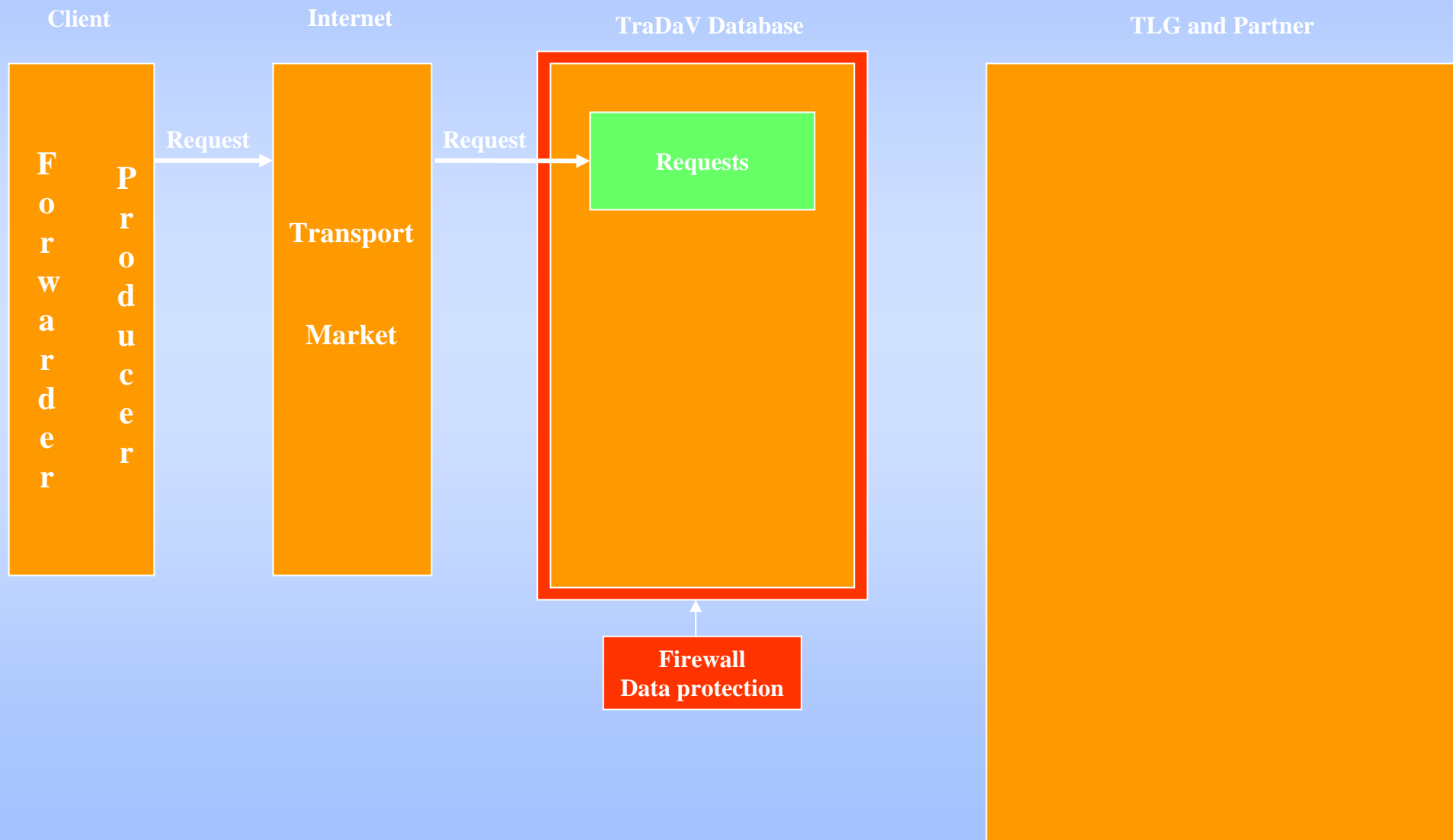
# Creating the Internet Transport Market



# Creating the Internet Transport Market

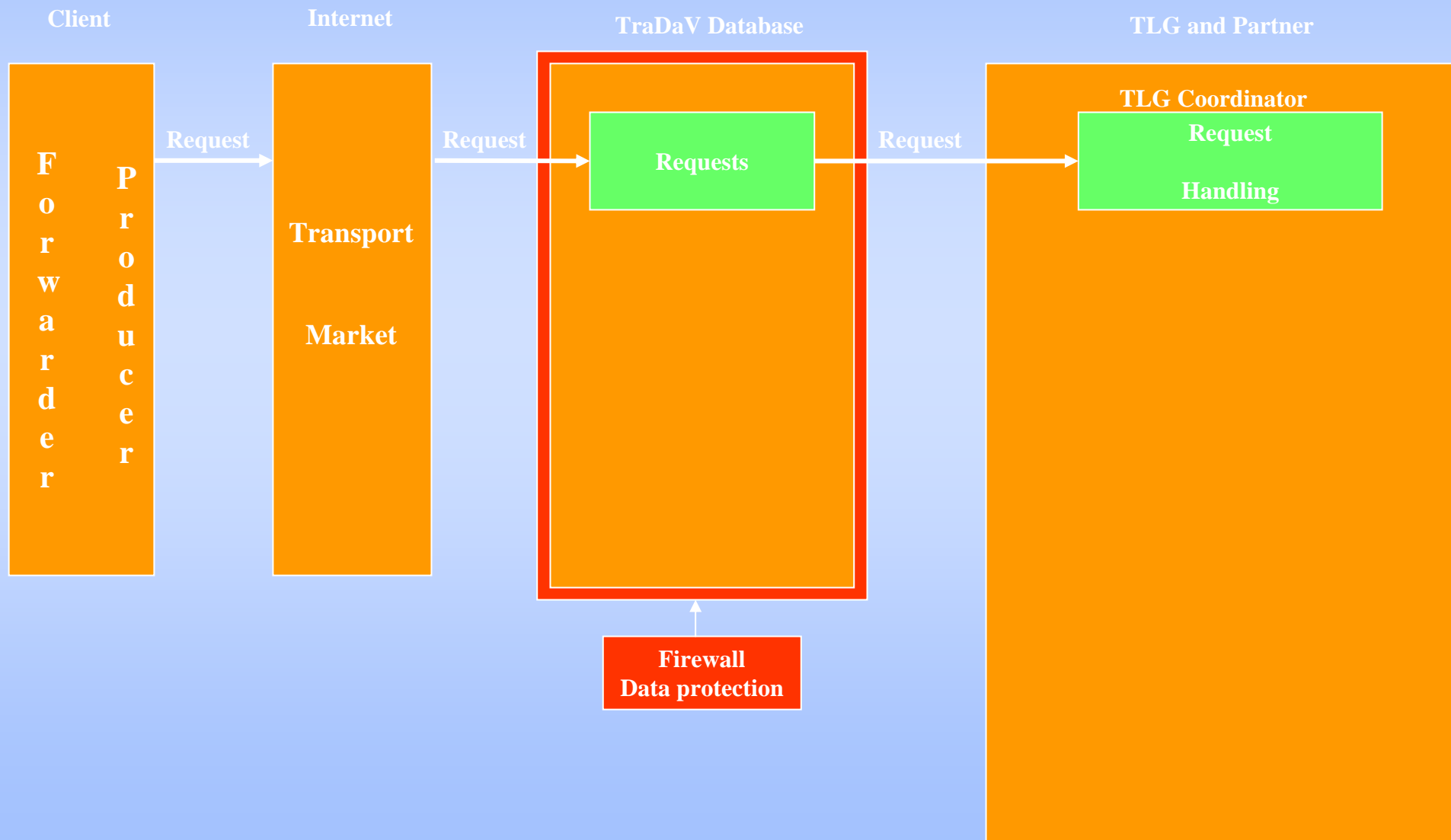


# Creating the Internet Transport Market

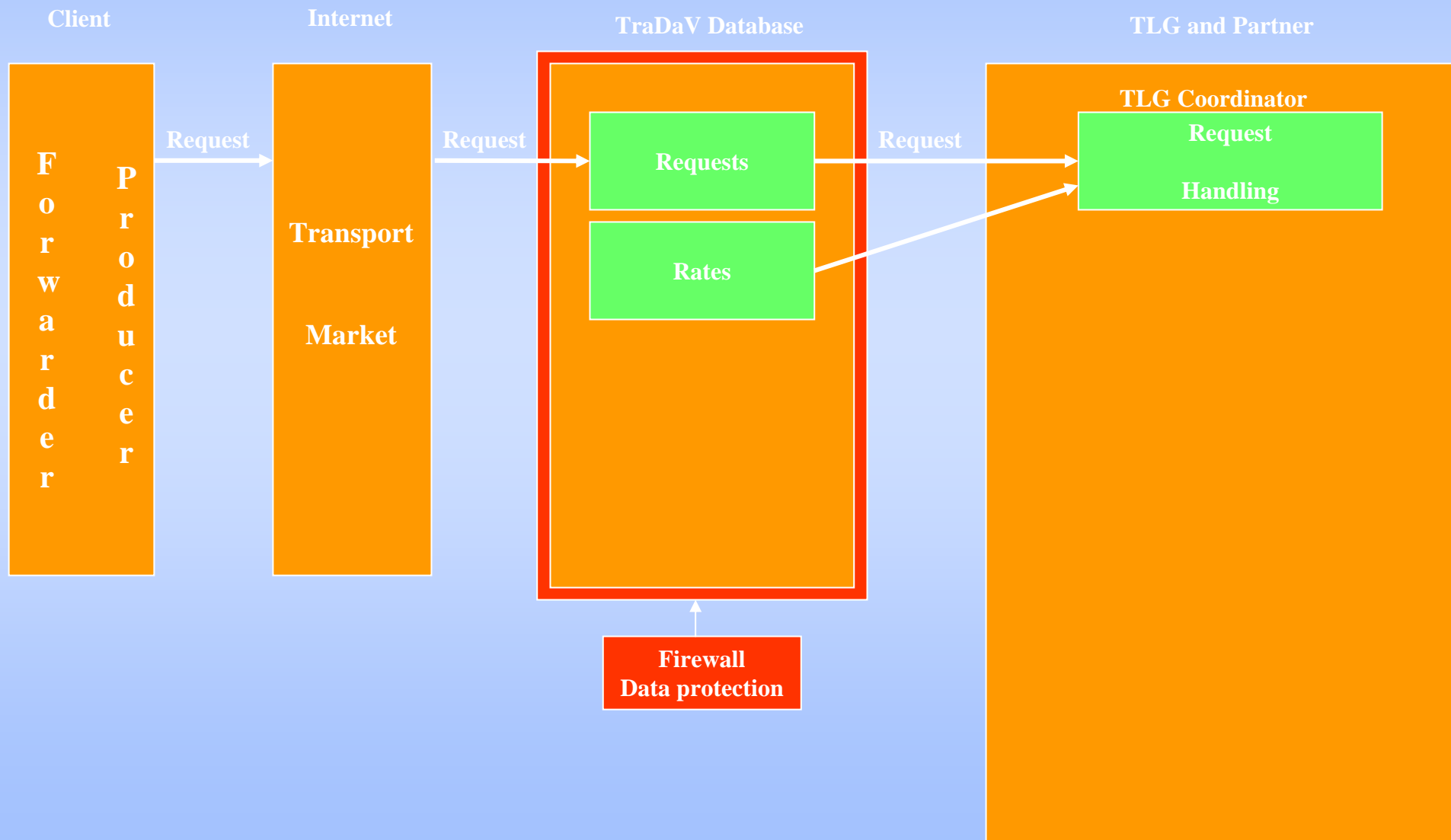




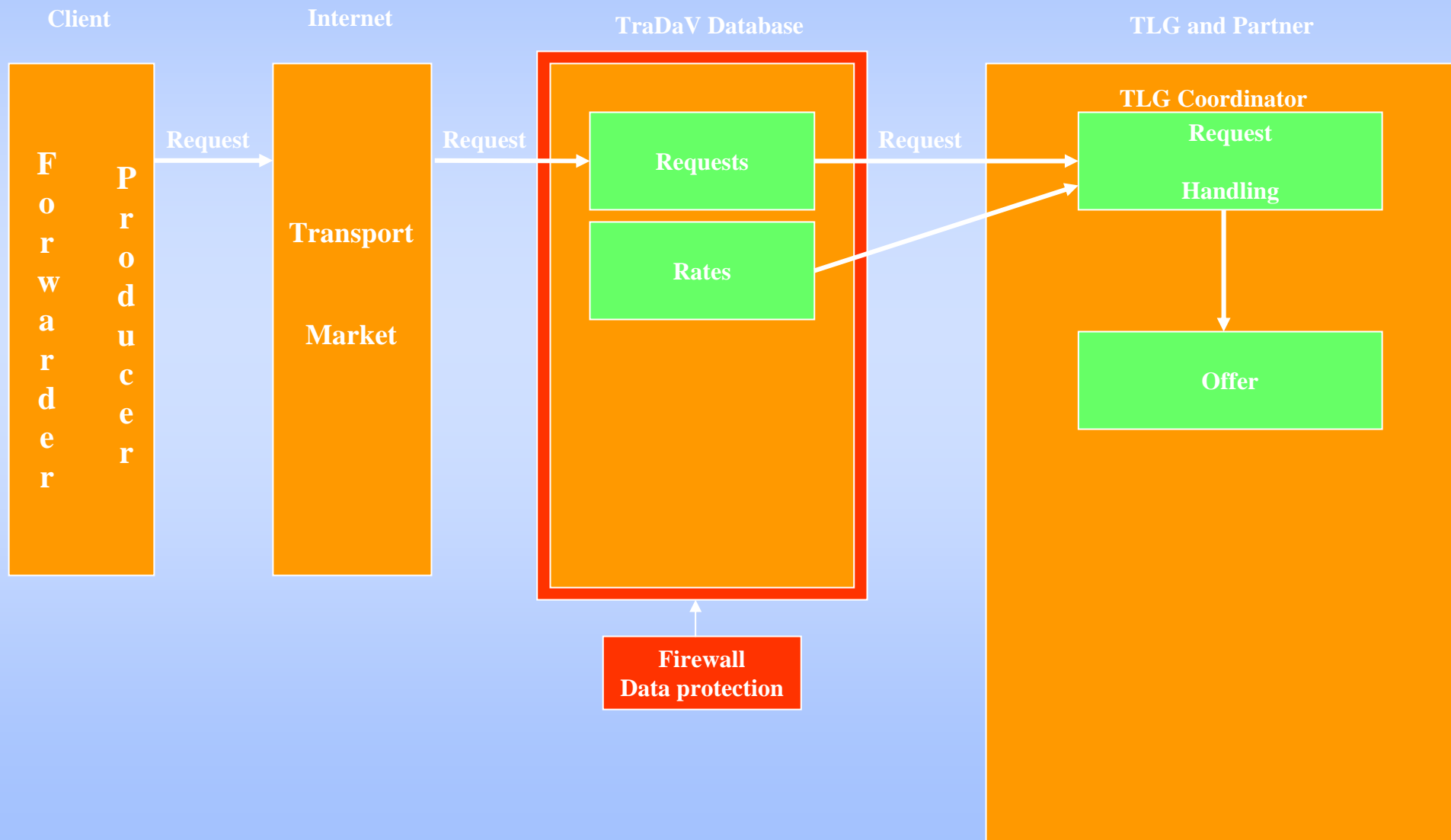
# Creating the Internet Transport Market



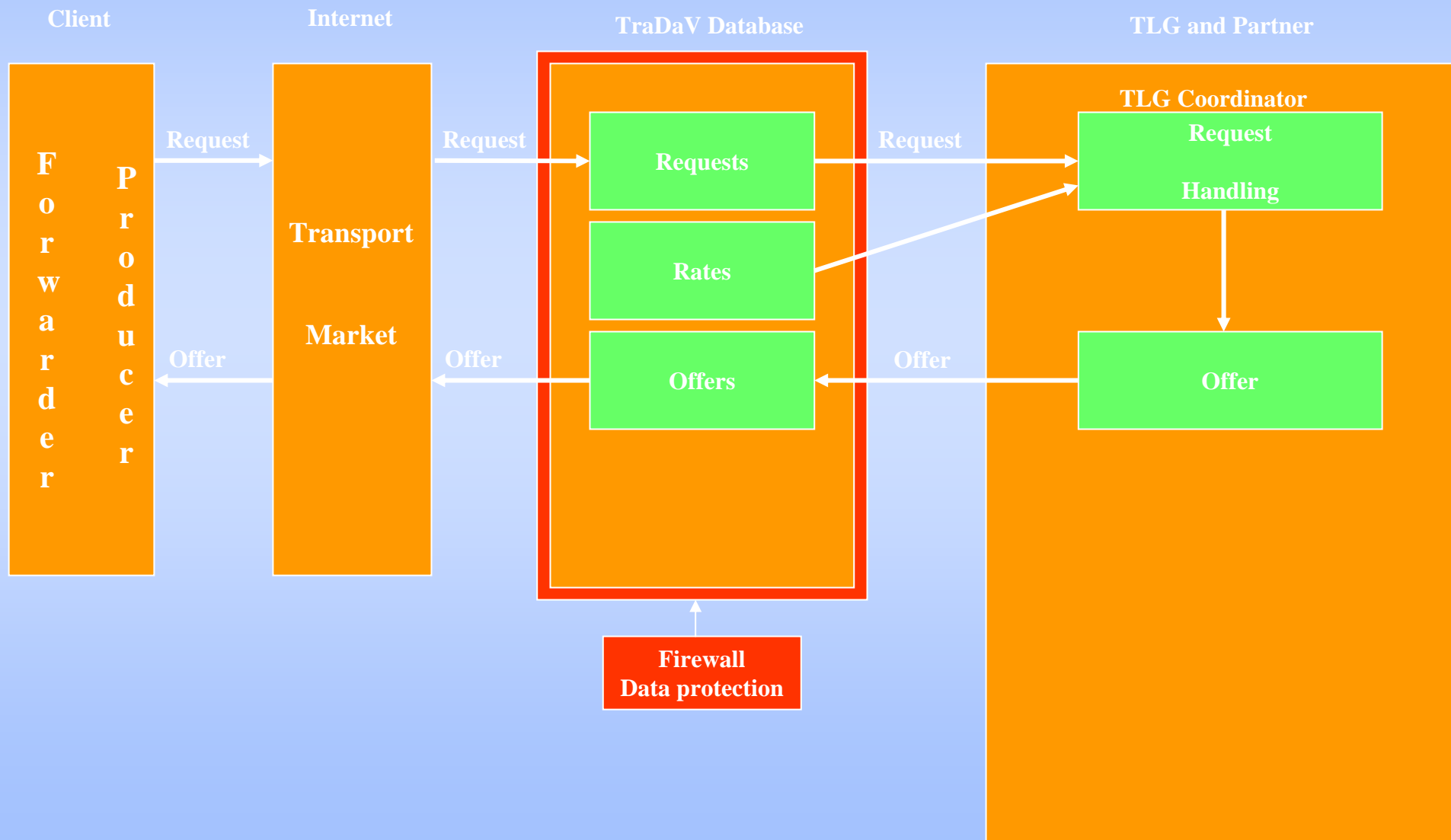
# Creating the Internet Transport Market



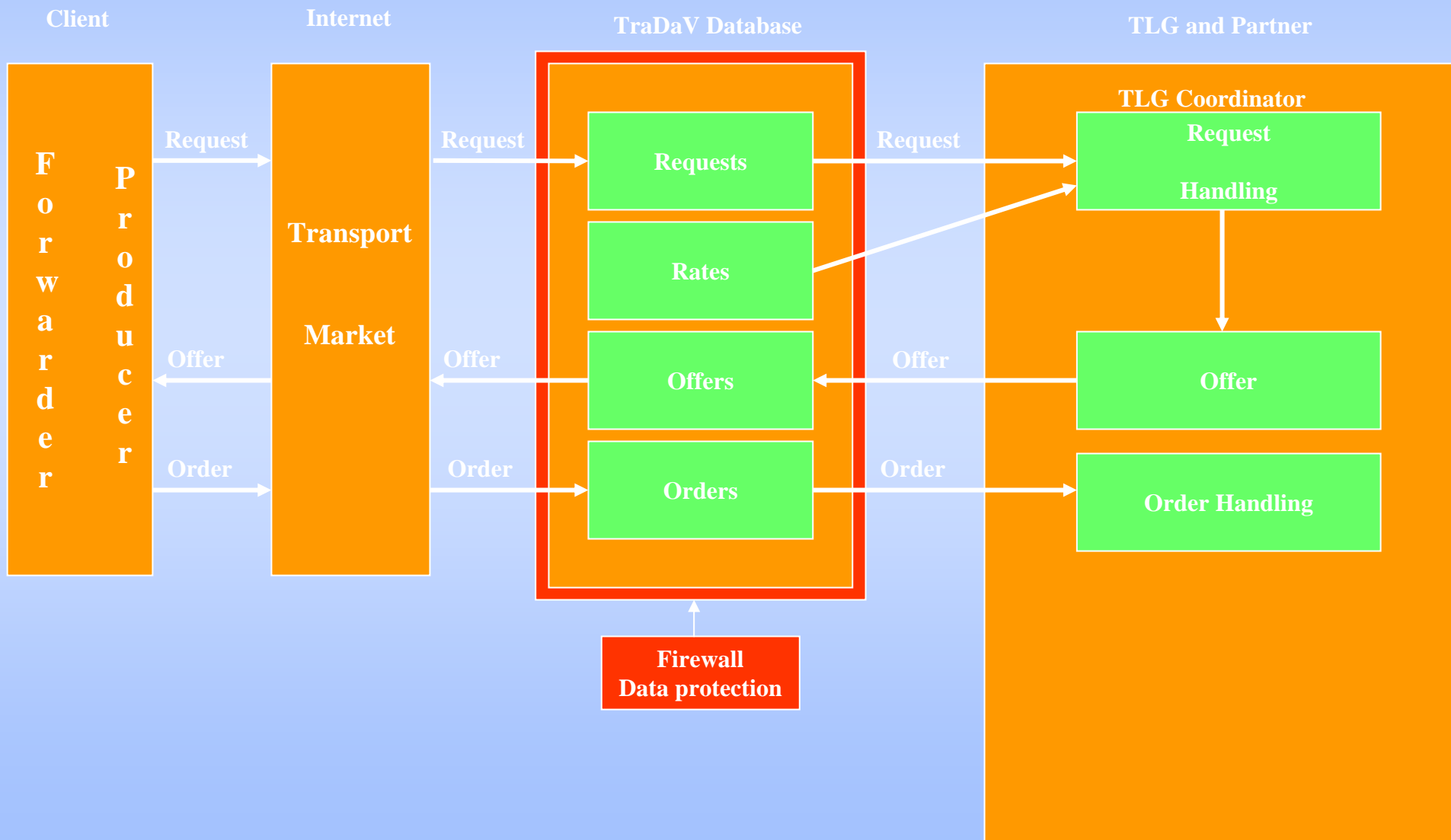
# Creating the Internet Transport Market



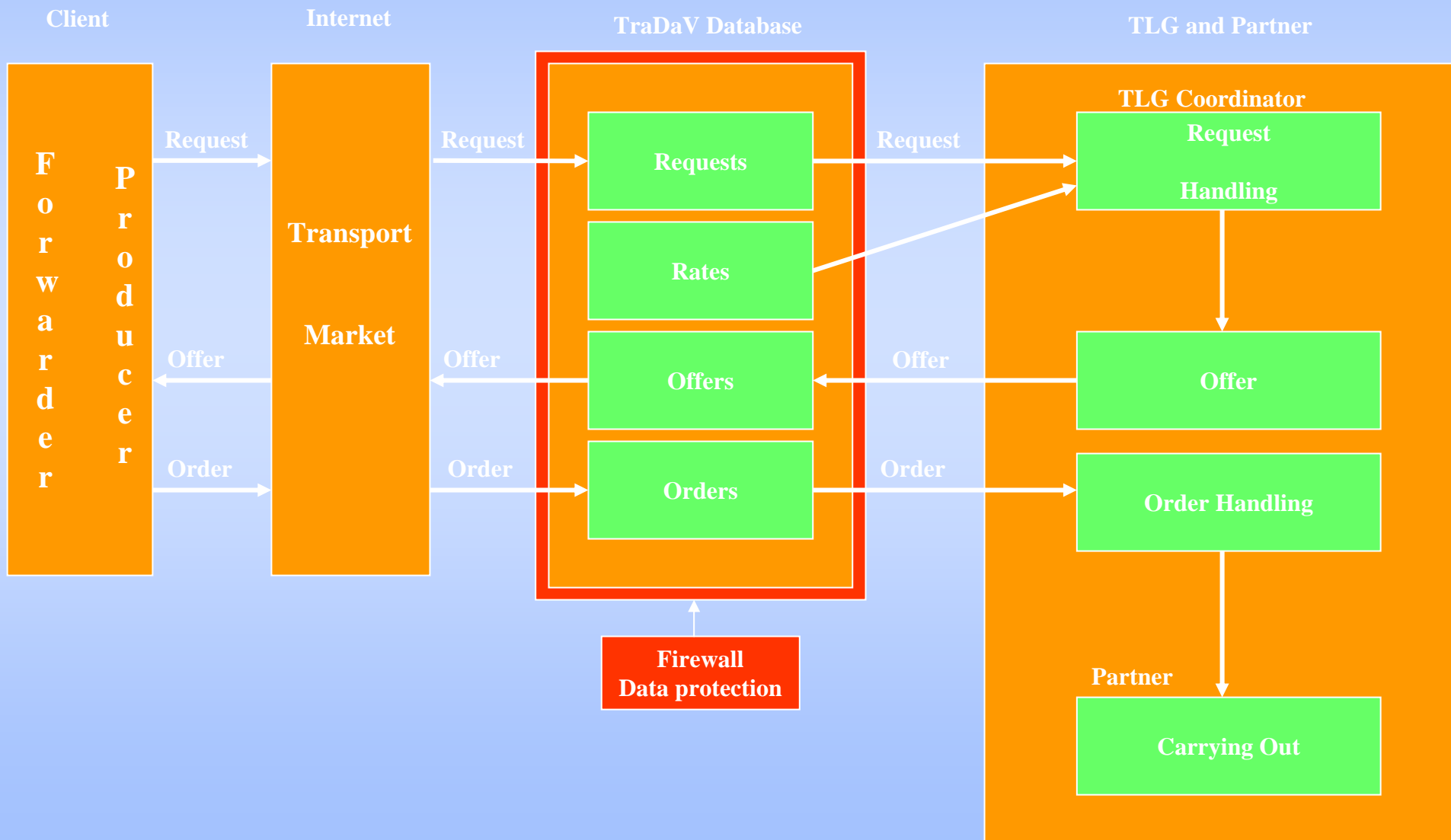
# Creating the Internet Transport Market



# Creating the Internet Transport Market



# Creating the Internet Transport Market



# Outlook of PROSIT

- ➔ **increasing commercial needs (E-Business, E-Commerce, E-...)**
- ➔ **huge demand for flexible and highly connective/easy to integrate solutions**
- ➔ **physical and virtual “portals” easing access to information in all layers along logistics transport chains**