



NEW HORIZONS IN ELECTRONIC COMMERCE



AGENDA

1. **ECustoms???**
2. **Relevance of ECustoms for international business**
3. **CargoWeb**
4. **What to do to realize that ECustoms will become available soonest?**



1. ECUSTOMS???



Extra security data in the electronic export declaration ('Rotterdam Rules')

EORI number is obligatory in any data exchange with Customs

Obligatory electronic summary declaration for temporary storage

The notification of arrival to the office of exit, the pre-notification departure and the customs manifest at exit have to be electronic

NCTS linked to risk selection module



Two key elements of the EU's outlook for the future in the Customs area are:

- short term: stepping up security at the external borders of the EU**
- long term: enhancing the European market's competitive position**



2. EDI

Advantages of using EDI over paper systems

- speed
- order costs



Purchase orders transmitted electronically:

34% in North America, 36% in EMEA and 41% in APAC

The average paper requisition to order costs a company:

- \$37.45 in North America,	reduced with EDI to	\$23.83
- \$42.90 in EMEA,		\$34.05
- \$23.90 in APAC,		\$14.78



Barriers to implementation

- process change
- cost in time and money in the initial set-up
- EDI is perceived as a data format.

Take the business view that EDI is a system for:

- exchanging business documents with external entities;
- integrating the data from those documents into the company's internal systems.



- initial expenses for a RFP, training, project management and tailor-making the application for 350 member in the EDI ECustoms community, around USD 8,000 per member;
- annual expenses for 24/7 outsourcing to GPCBV : USD 0.15 per transaction and USD 1,000 per member;
- extra license for e.g. cold standby: USD 50,000 per license.

Members of the EDI ECustoms community:

**all it takes
is a browser
to connect to
the ECustoms portal.**

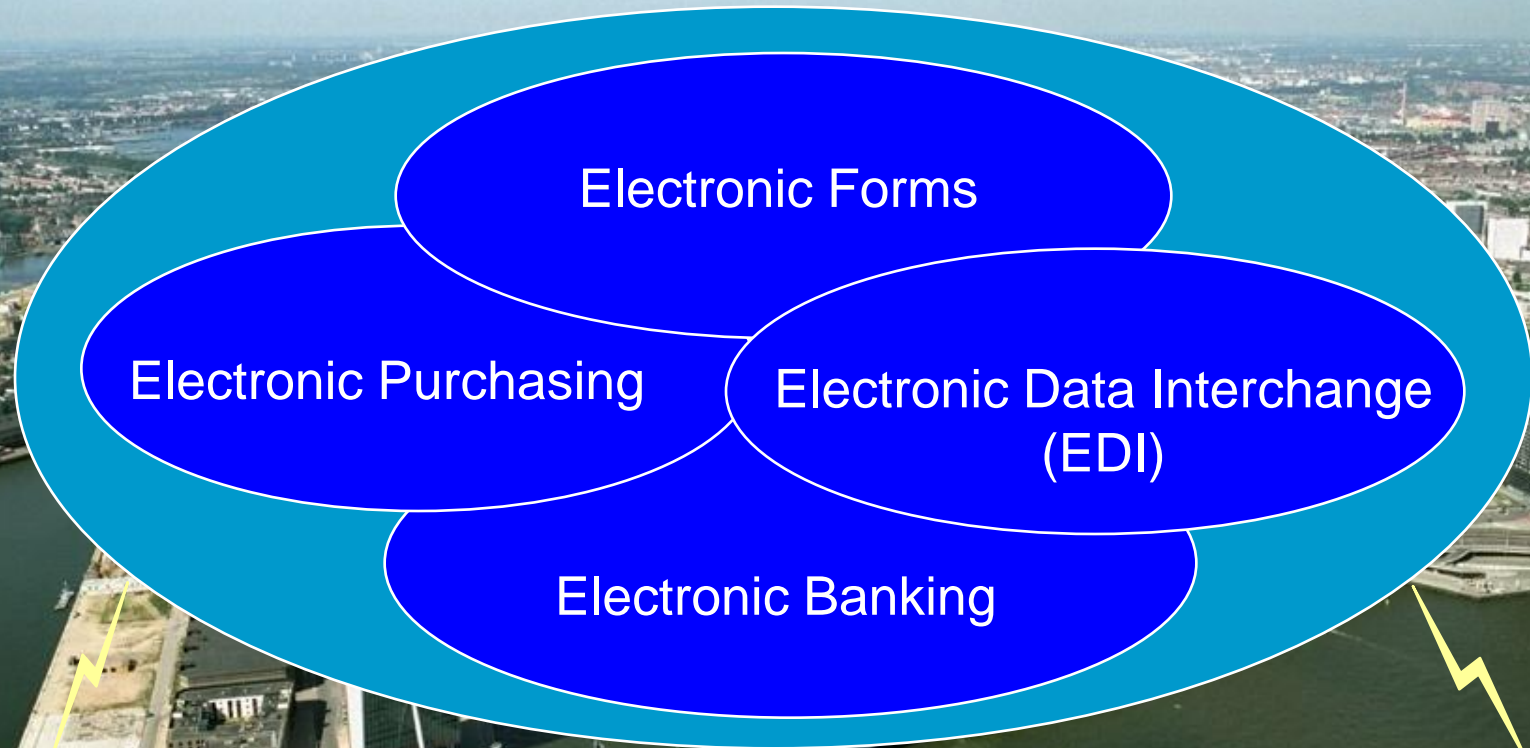


3. CargoWeb



Electronic Commerce

TRANSACTIONS



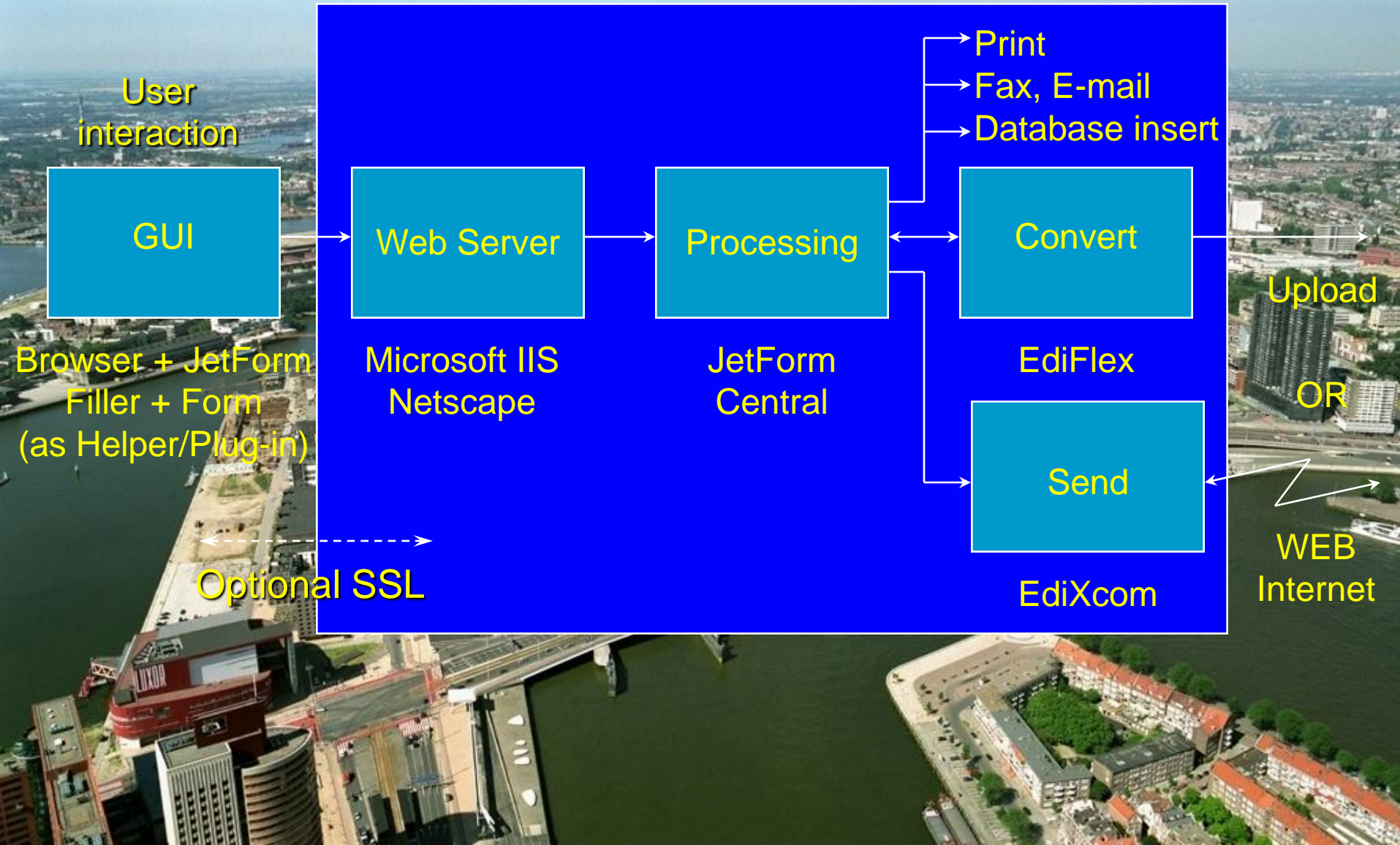
BUSINESS TO BUSINESS

**VAN
X.400**

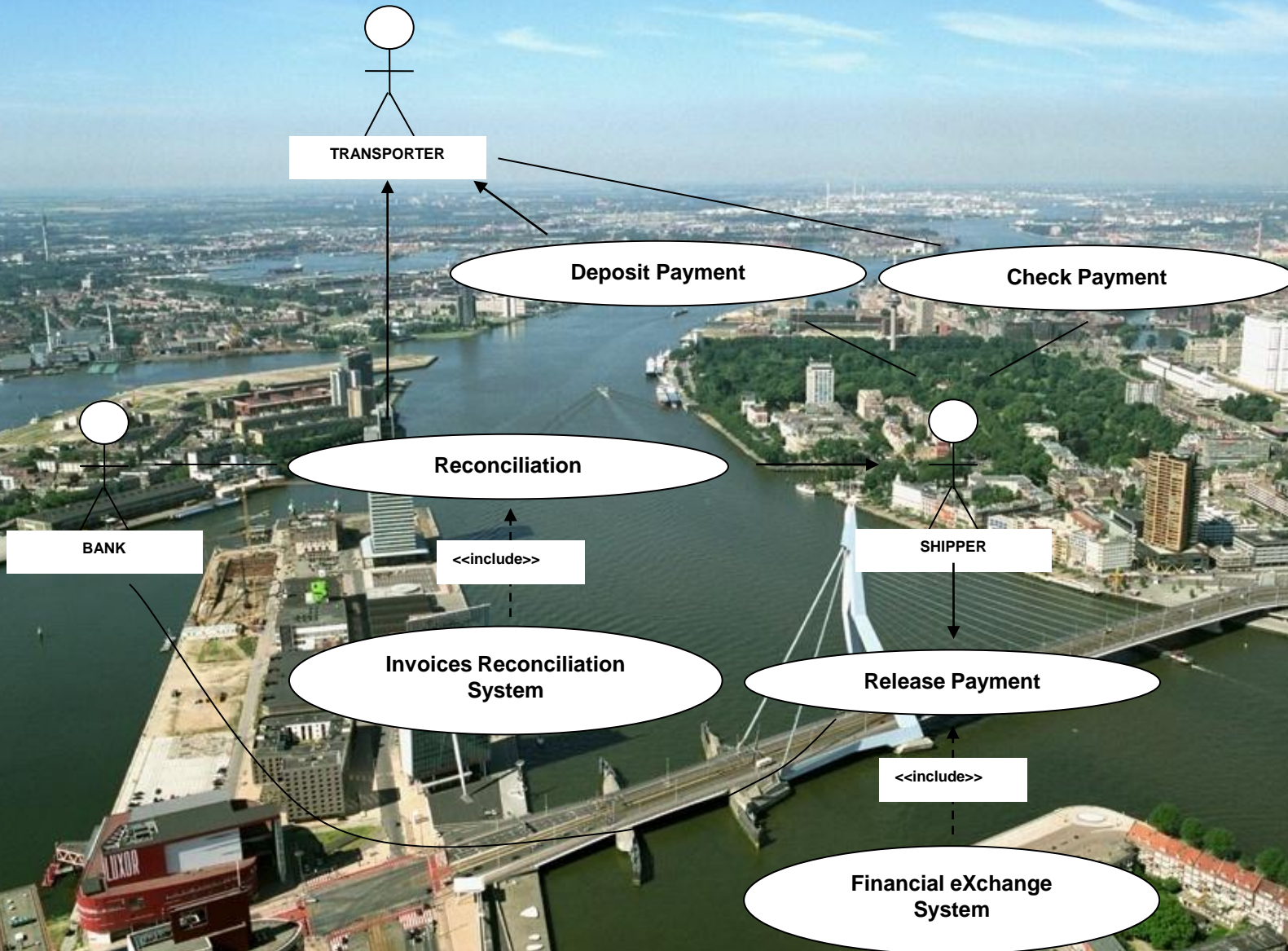
**INTERNET
TCP/IP**

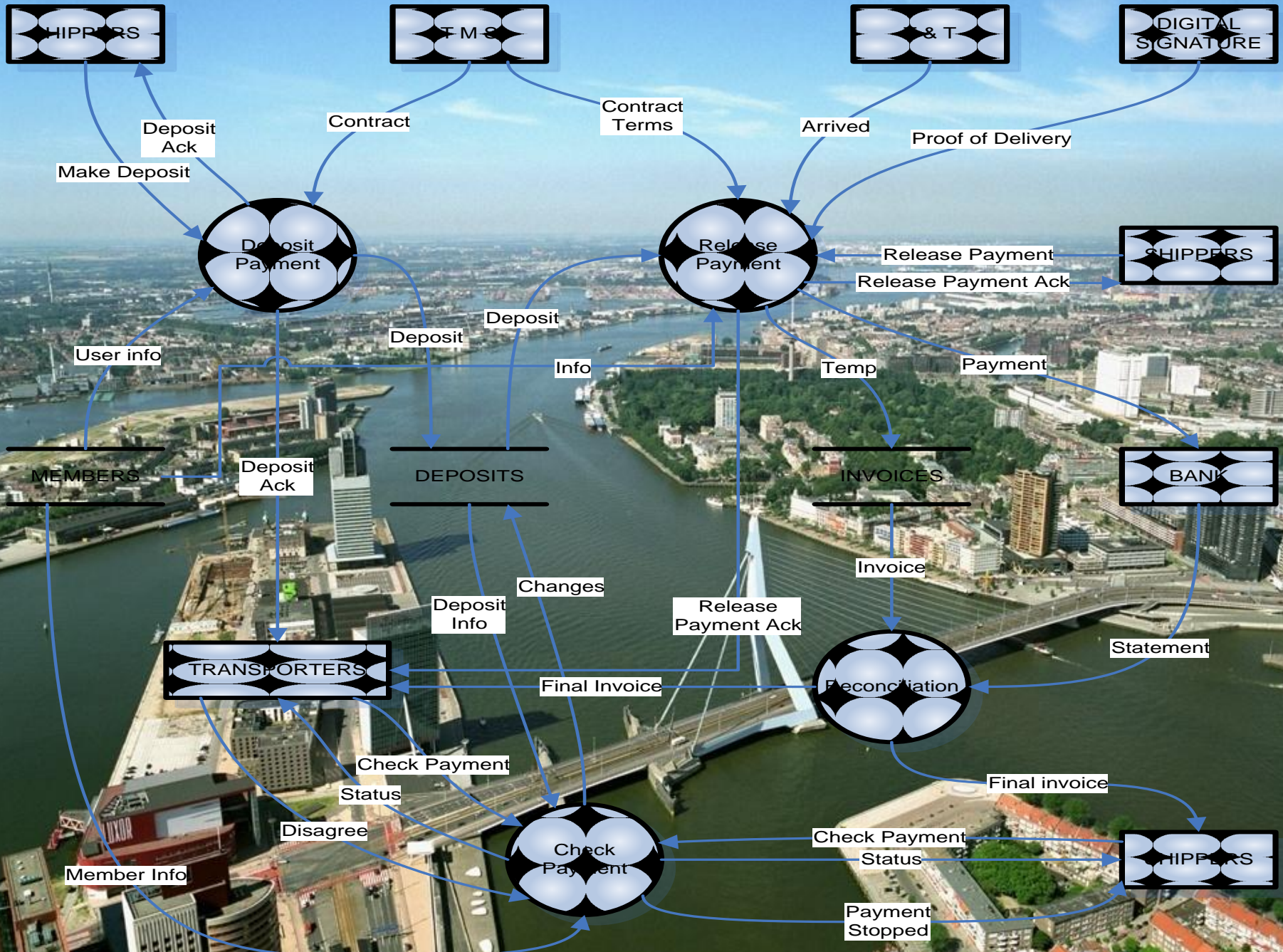
XML Forms

Windows NT Server

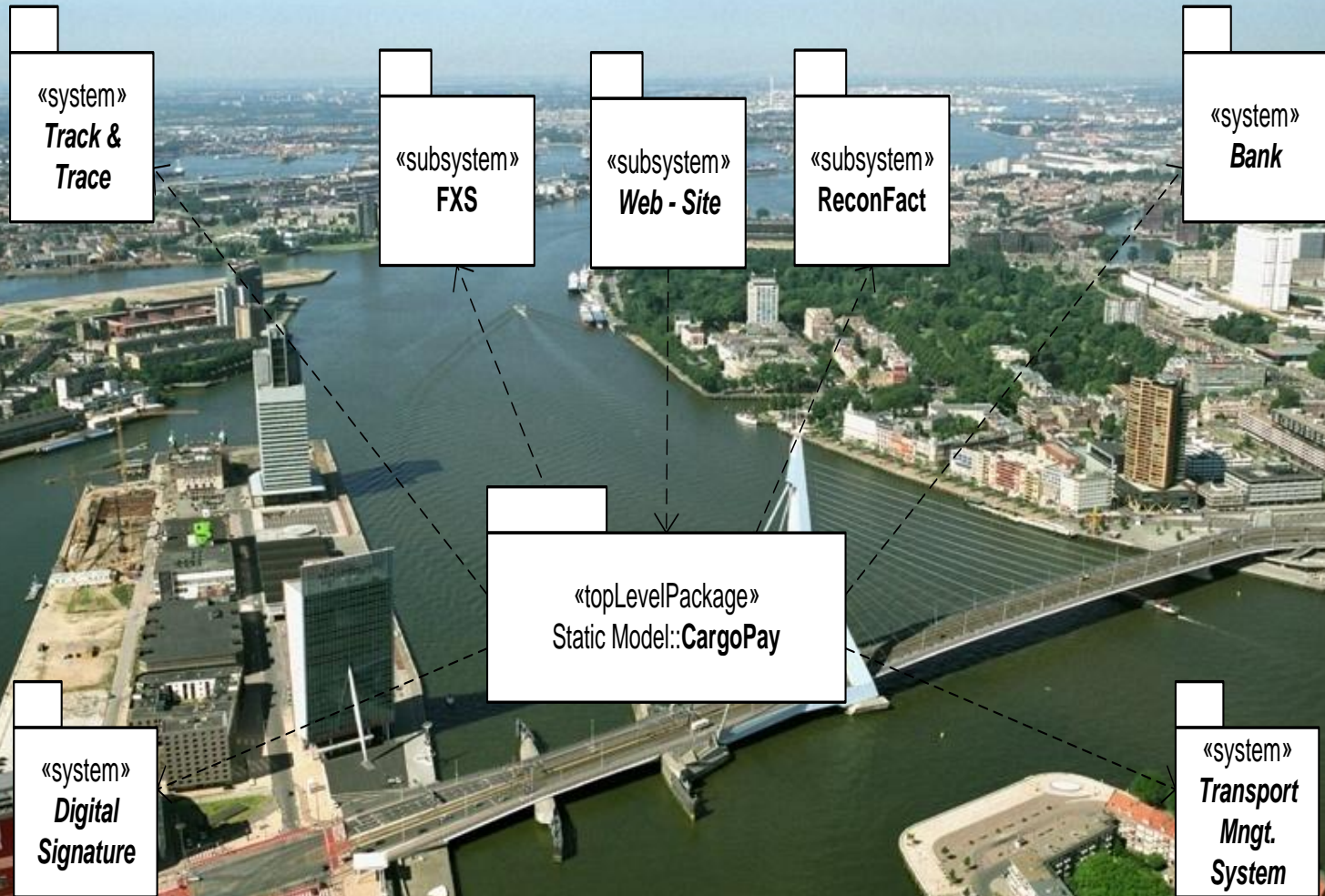


CargoPay system

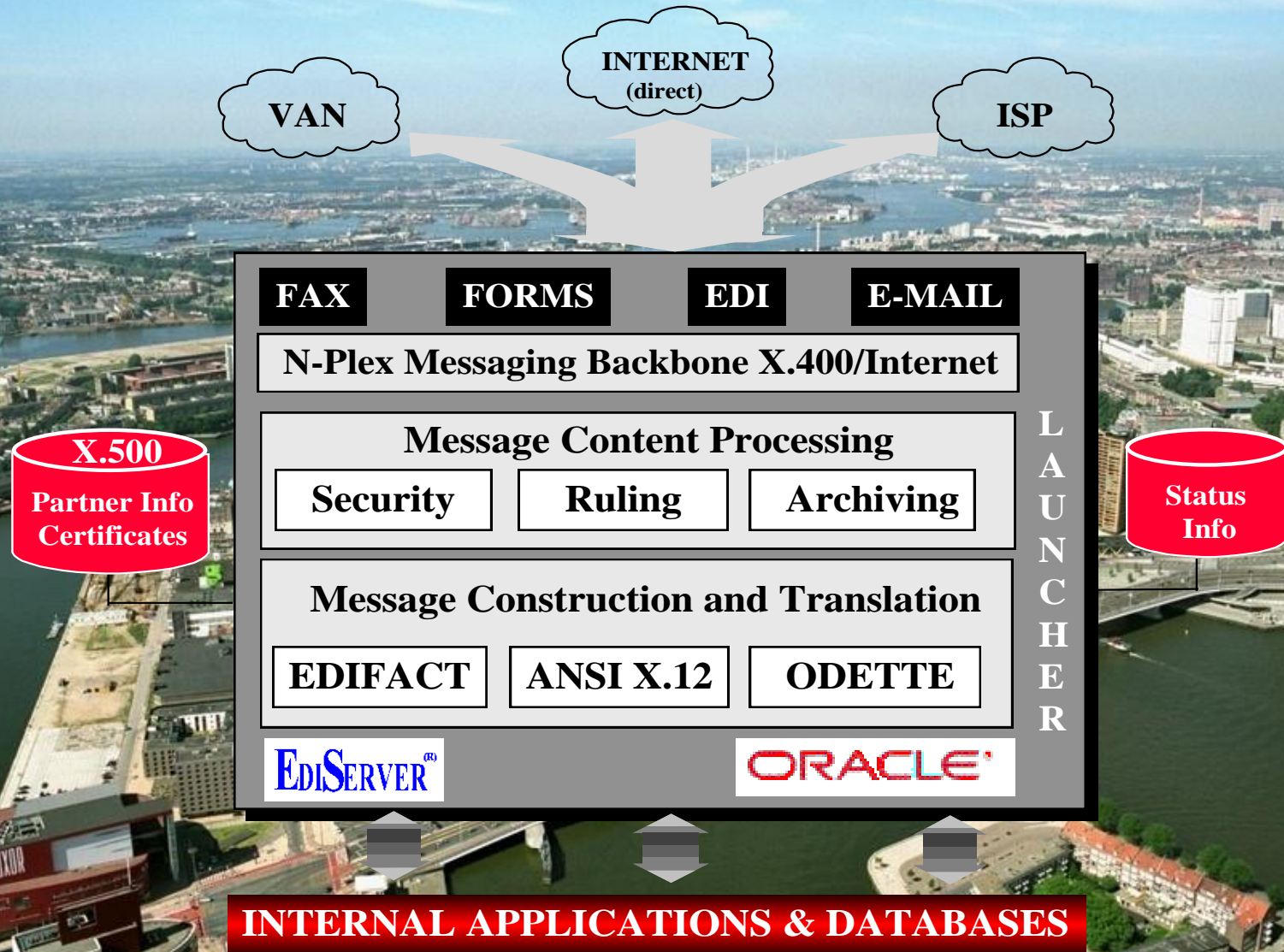




Systems interacting with *CargoPay*



EdiServer Architecture Outline



Member of EDI ECustoms community

shorter processing time by Customs

lower cost

more information

higher quality of products → higher revenues

revenues from information-based products

NON-Member

only if using an ECustoms service provider

n.a.

n.a.

only if using an ECustoms service provider

n.a.



4. Discussion



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