

Application of IT in Logistics

- **Sort on application of IT in logistics**
- **Difficulties with application of IT in logistics**

Sort on Application of IT in Logistics

- **Base Application**
- **Application in Special Projects**
- **Application for Adapting to Laws and Rules**
- **Computer Supported Collaborative Work**

Base Application

- **Data Collection**
- **Identification** **Bar-Code / RFID**
- **Position** **GPS / MPS / GIS**
- **Communication and Data Exchange** **EDI / XML**
- **Data Storage**
- **Make Bill and Form**

Application in Special Project

- Decision-making
- Transportation
- Storage
- Load and Unload
- Portage
- Purchase
- Distribution
- Simulation and Optimization
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Application for Adapting to Laws and Rules

- **Apply to Customs**
- **Management for Danger**
- **Management for Confined Articles**
- **.....**

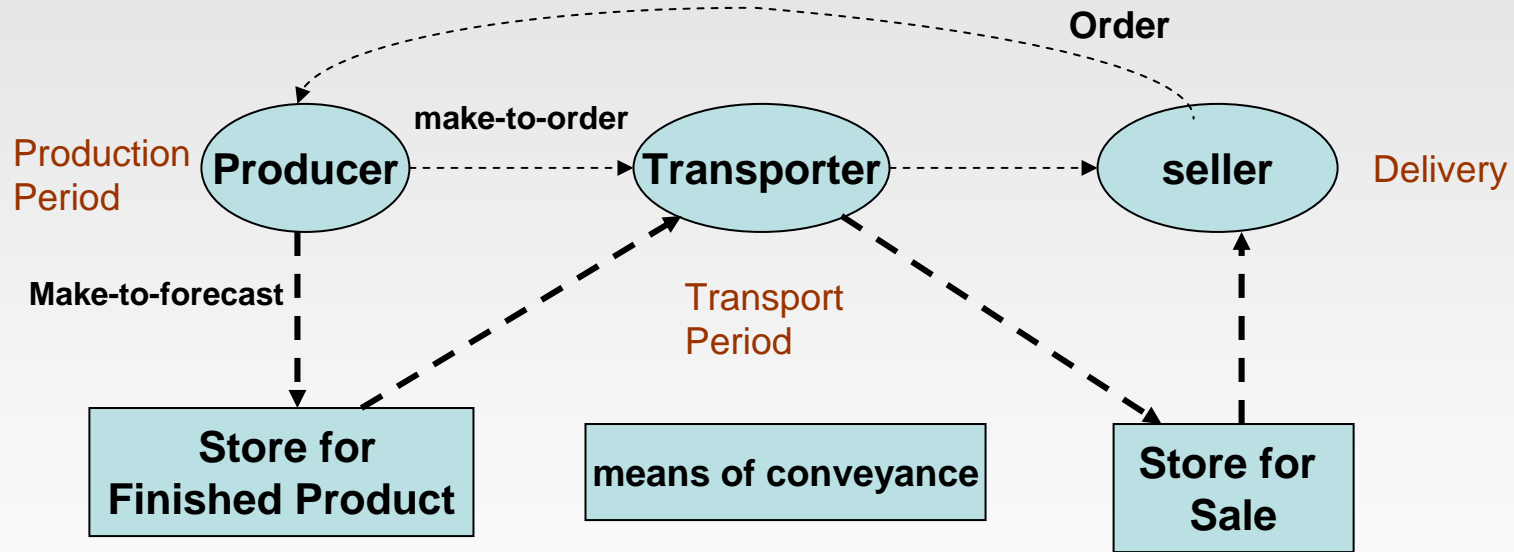
Computer Supported Collaboration Work (CSCW)

- **CSCW in Close Coincidence**
Inner of a information system (enterprise or enterprise group)
- **CSCW in Loose Coincidence**
Between different information systems (enterprises or enterprise groups)

Difficulties with Application of IT in Logistics

- A predigested model
- Cost of standardization
- Notion of sharing information

A Predigested Model



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A Predigested Model(Promise Delivery Period)

Make-To-Order: Delivery Period = Production Period + Transport Period

Necessary Condition——

Provide Material Timely,

Enough Throughput,

Enough Transport Capacity

Make-To-Forecast:

IF Not Nothing in Store for Sale

THEN Delivery Immediately

ELSEIF Not Nothing in Store for Finished Product

THEN Delivery Period = Transport Period

ELSE Delivery Period = Production Period + Transport Period

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Cost of Standardization

- **Standardization of Code**
- **Standardization of Bill & Form**
- **Standardization of Work Flow**

Notion of Sharing Information

- **Business Secret**
- **Open Information Upsides**
- **(Income / Cost) of Sharing Information**
- **.....**

Thanks !

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