



# A port community information system, or how to manage general, private and public objectives

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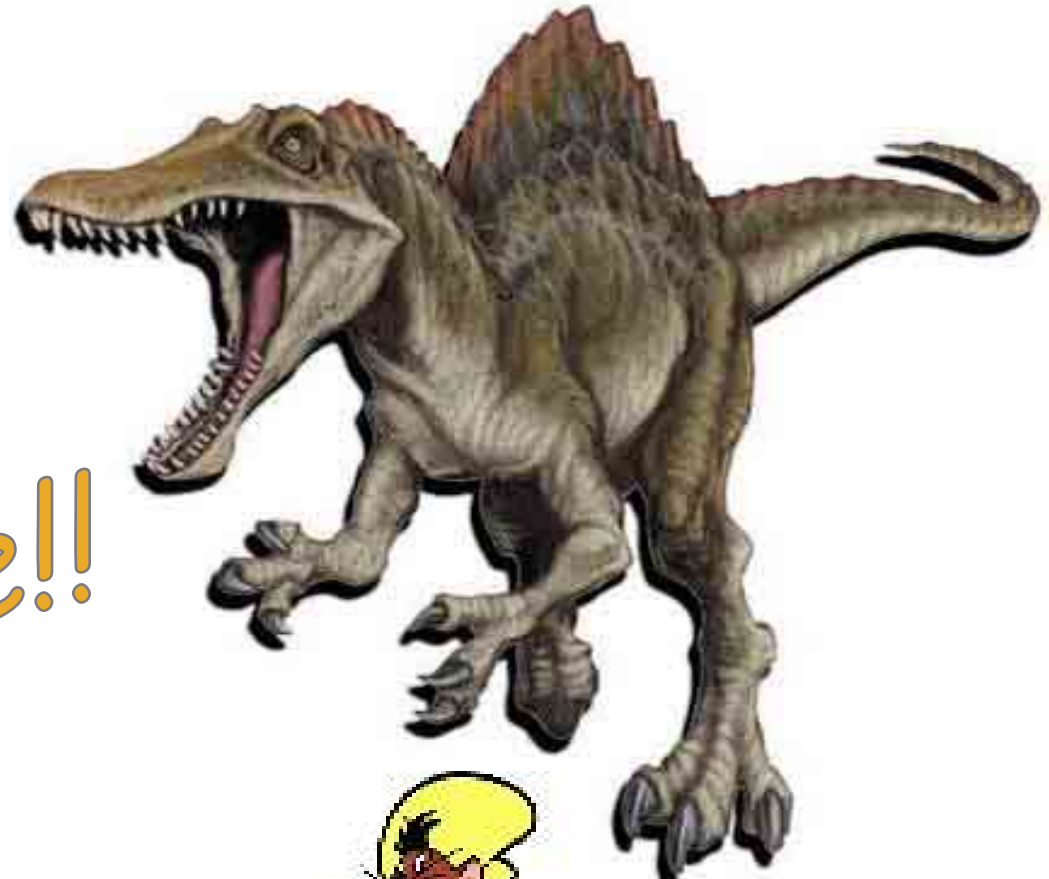
1. Supply Chain Management and processes

2. A port community information system: why and how?

3. AP+ and its advantages

AD+

# Which one is still alive?



Well done!!



# Fastest survives!



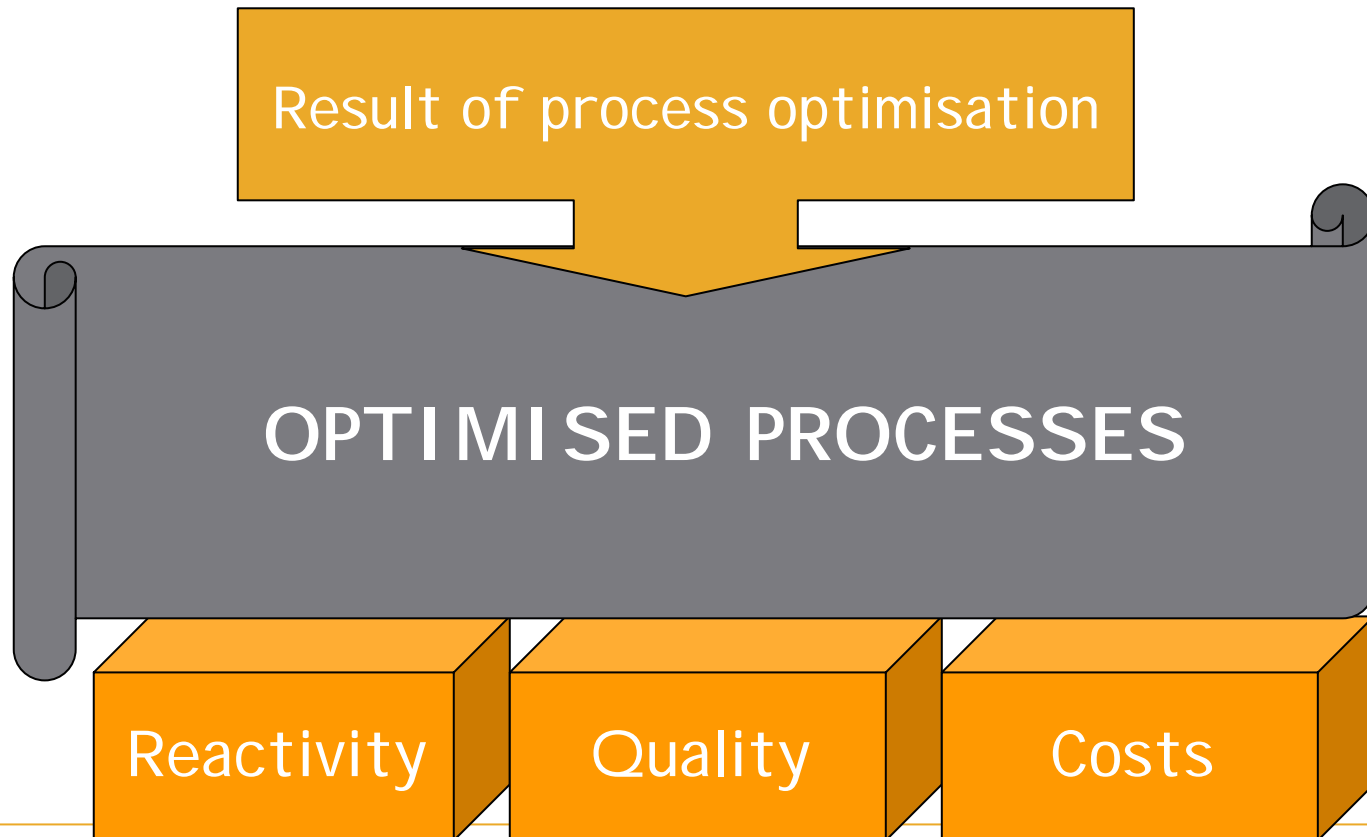
# Definition of the Supply Chain

AP+

It is an organisation whose purpose is to provide someone or a machine creating added value:

- ✓ **What** they need
- ✓ **When** they need it
- ✓ To the lowest **cost**

An organisation that is **reactive, efficient**, to the **lowest cost**, is the **result** of the optimisation of processes



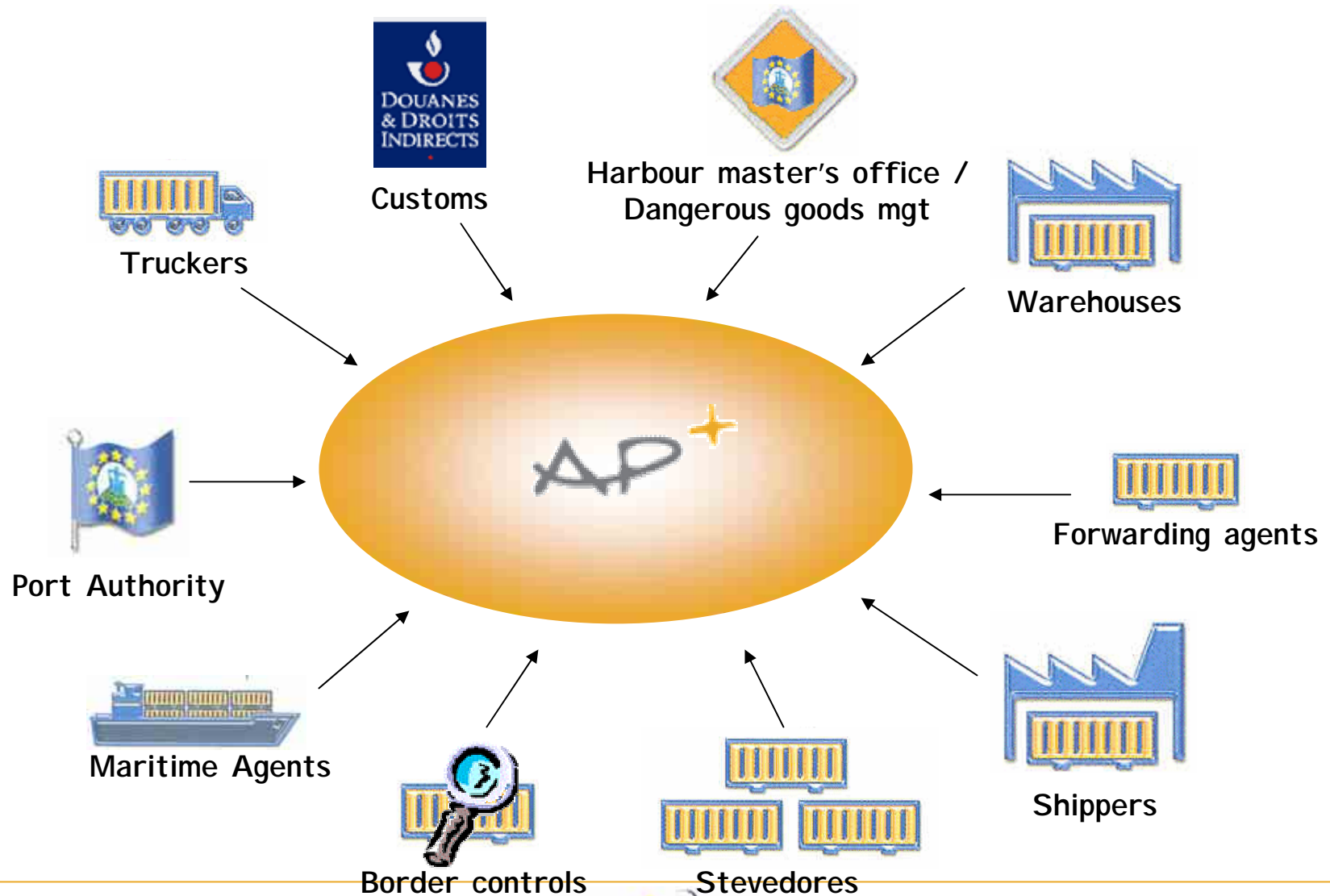
# A constant performance

Only an optimised process can bring

- ✓ systematically the **good product or service**,
- ✓ in a reasonable **delivery time**,
- ✓ at the **lowest cost**.

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# A port community



# What is a community system?

AP<sup>+</sup>

- A community system must enable operators to:
  - **Link** all port players
  - Make the global logistic process **reliable** (export and import)
  - Manage the **physical, administrative and documentary flows** of goods
  - **Cover** 100% of containerised and general cargo transit (import and export)
  - Exchange **messages** safely and confidentially

# A little history...

- 1989 - Implementation of PROTI S in Marseilles-Fos
- 2001 - AP+ project
- September, 2005 - implementation of AP+ in Marseilles-Fos

# Protis: productivity gains

Right from the beginning of Protis in 1989:

- For the shipping agent: 20 to 30%
- For the freight forwarders: 30% to 50%
- For the cargo handling firms
- For Customs

# Why AP+?

- Improvement of the community goods management system of both Marseilles and Le Havre
  - Need for **technological evolution** of both systems
  - Evolution of the transport chain
  - Need to **optimise** the professional processes in view of a global port optimisation
  - Political will of the port communities to have the **same information system**

# AP+ partners



UMEP  
Union Maritime  
et Portuaire



# Most important: cooperation



- **Inter-professionnal** workshops (identification of good practices)
  - **"Customs Convergence"** workshops (participants from the National Direction, Le Havre and Marseilles directions and from the two client companies as well)
  - Creation of **Port Authorities** convergence groups
- ➔ Global **cooperation** of private and public
- ➔ **Validation** of the system by Customs administration

# AP+: how?

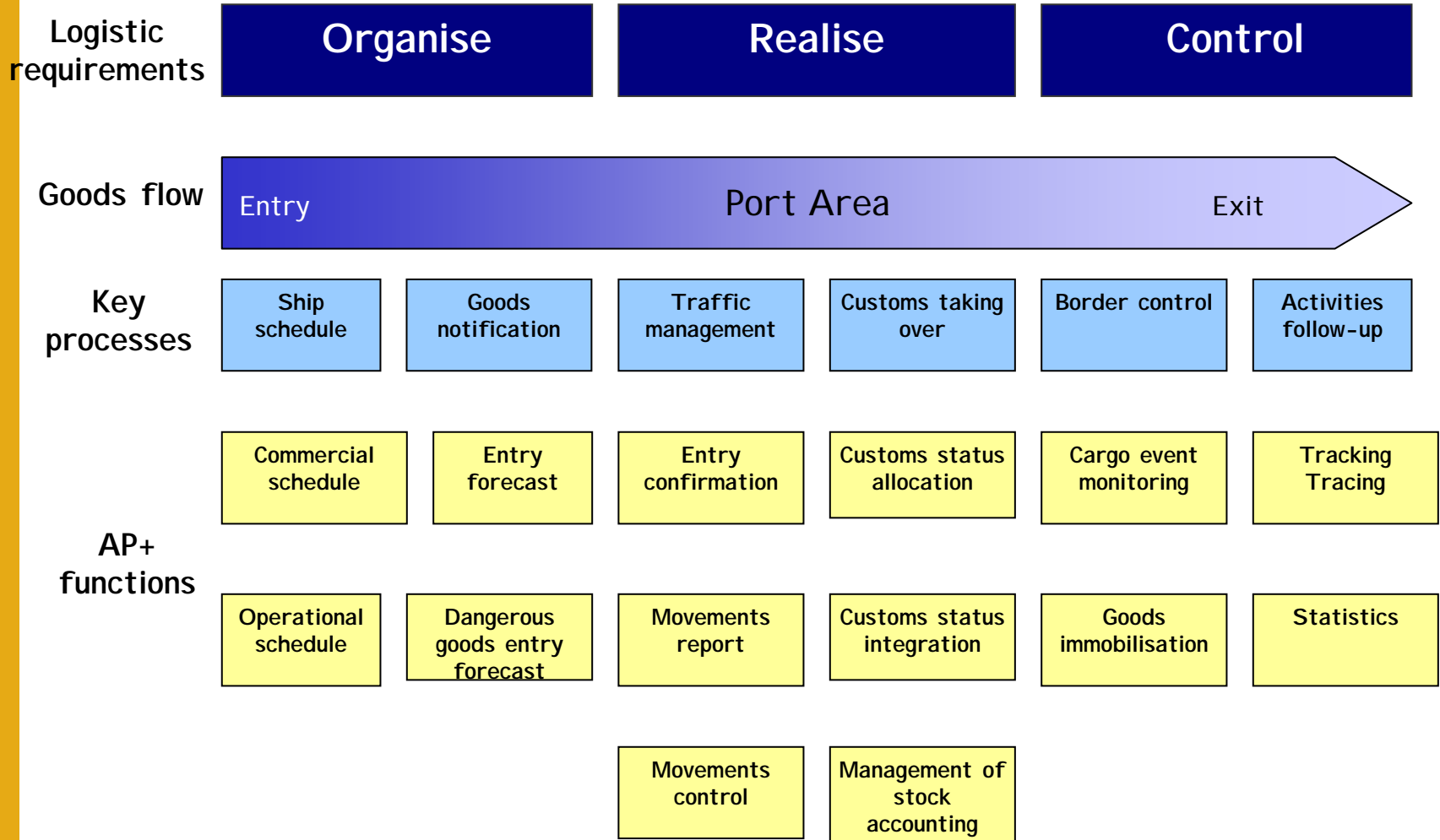


- **Inter-professionnal** workshops to identify the port's good practices
- Work **with the professionals** of every single task/process
- Capitalisation of experiences of port communities (Le Havre and Marseilles-Fos) and information systems applied to international logistics
- "Supply Chain" approach (pull system)

# Objective: optimisation of the global processes of a port

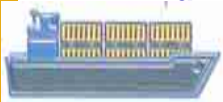
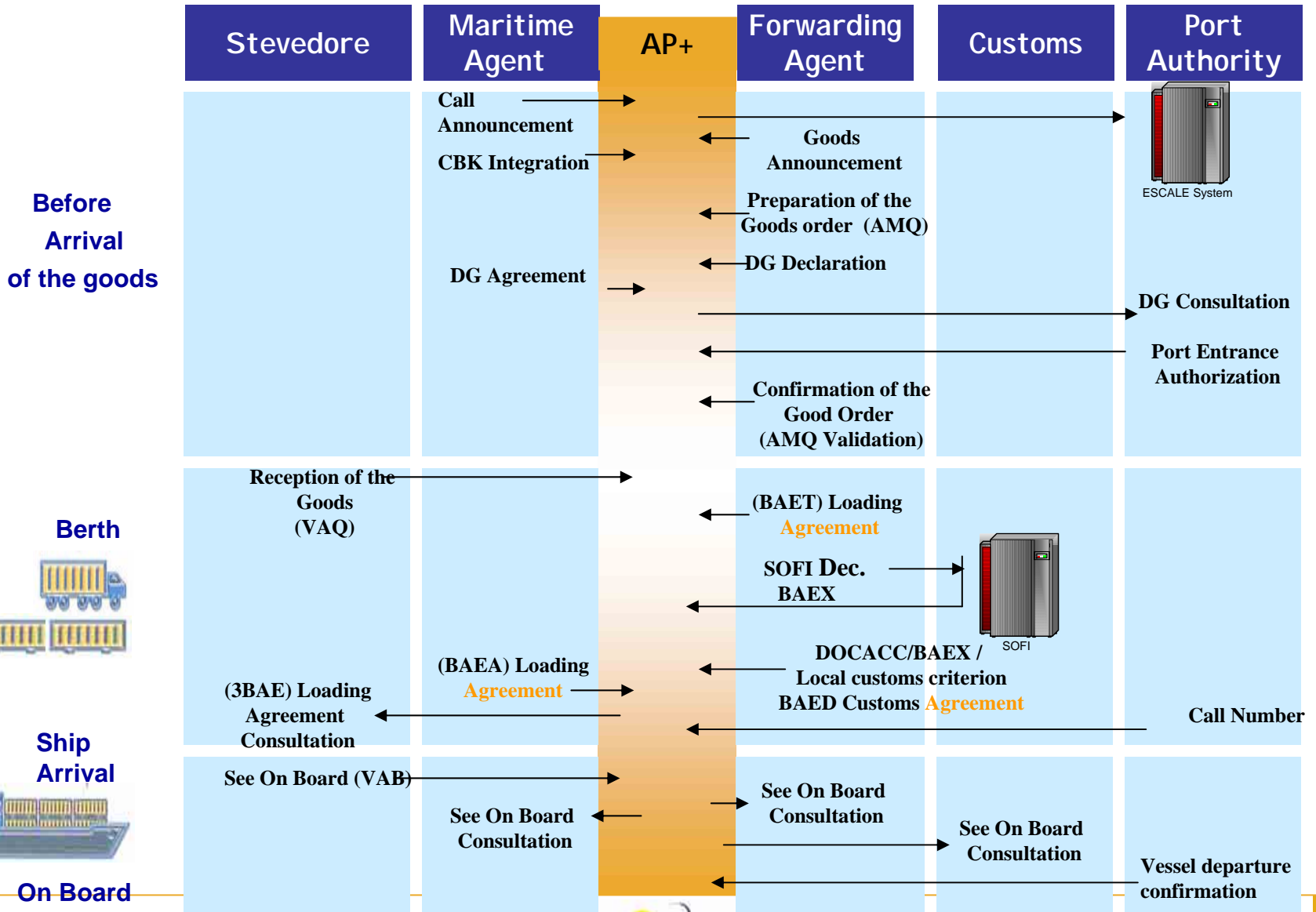
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# Services offered



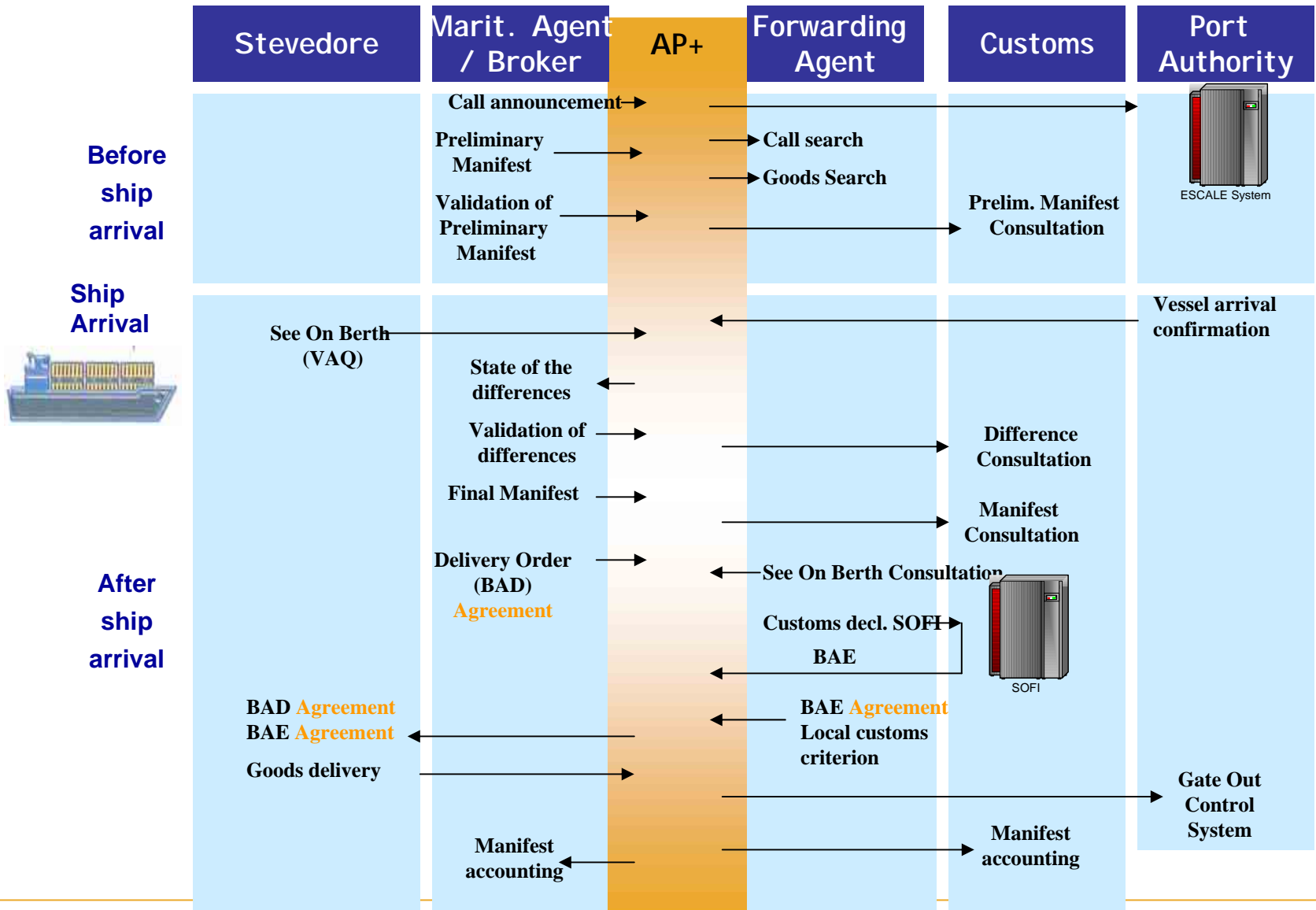
# Export Operations diagram

AP+



# Import Operations diagram

AP+



# AP+: functional advantages

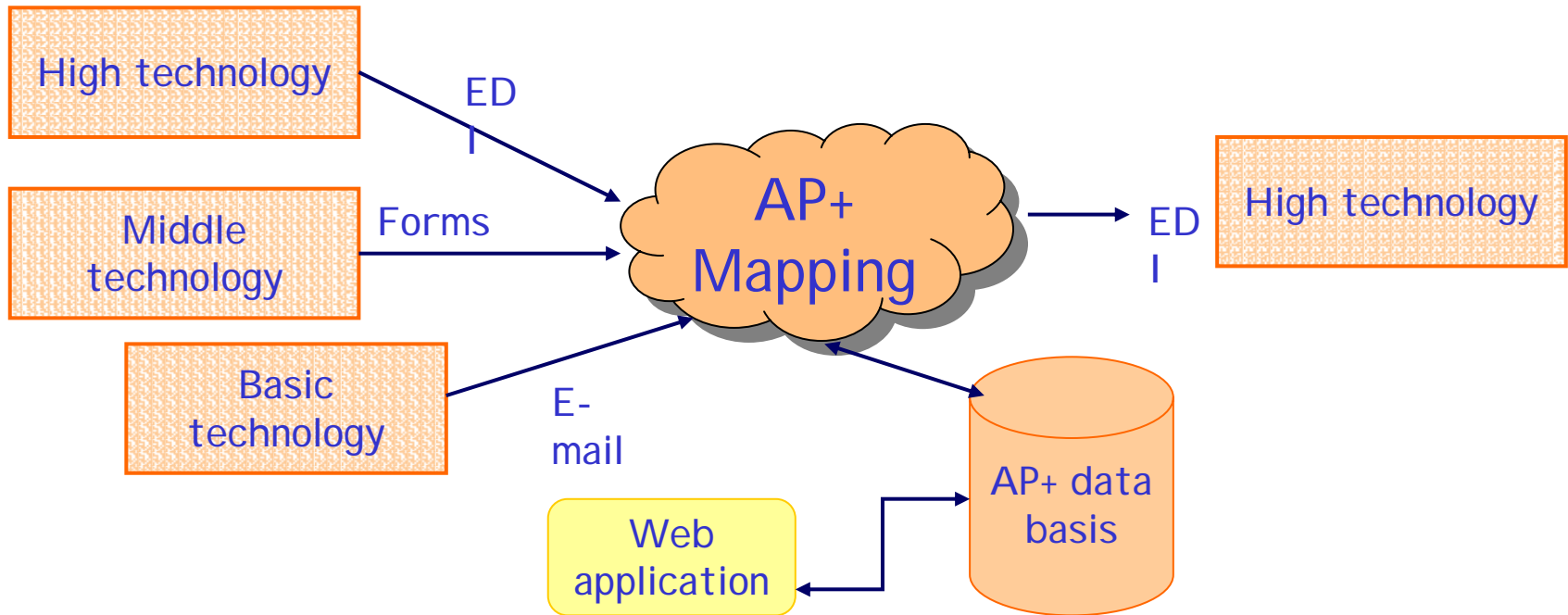


- Management of land pre- and post- carriage  
[ Possibility to name carrier and notify end customer ]
- Integration of phytosanitary and veterinary procedures  
[ Agreement on Import - Export of goods to be controlled ]
- Interface with Customs' NTCS  
[ Data gathered from the source: no double entry ]
- System flexible and adaptable to new safety / security requirements  
[ Integration of moves due to scanner controls ]  
[ Data and events essential to security / safety management present in the system ]

# AP+: technological advantages



- AP+ uses a communication platform that enables it to integrate partner processes of different technological levels:



⇒ Consideration of the technology level of ALL customers of the port community

# A flexible system

- A technology allowing an **easy integration**
  - A single condition for customers: an internet access
  - Data exchanges based on high technologies
- **Adaptable to port size**
  - The most important French ports: MRS, LEH
  - Other ports: Martinique, Nantes-Saint Nazaire, Port Réunion...
- **Functionnalities respecting the environment of every port**
  - Diversity of transported goods
  - Local specificities

⇒ Possibility to have a single system in France  
(continent and overseas departments/territories)

⇒ easily implementable to other ports

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# As a conclusion...

## Single desk

✓ information distributed to the right person, in the right format, at the right time and without multiple data entry

## Security

- ✓ real-time tracing and tracking of the goods inside the port
- ✓ border controls integrated (veterinary and plant health controls)



Through the cooperation of a whole community, AP+ manages and promotes both general, private and public objectives that are often divergent (if not opposite)