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IPCSA

International Port
Community Systems
Association



CIP | Inter-American
Committee on Ports

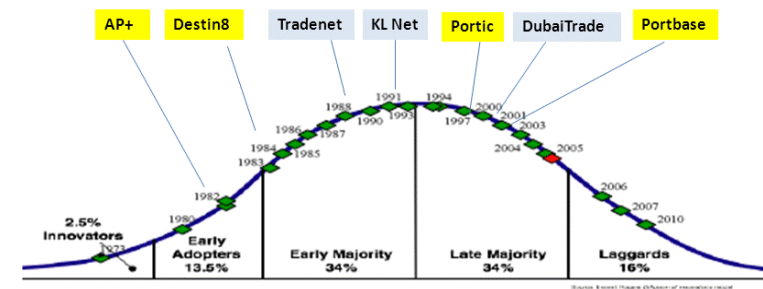
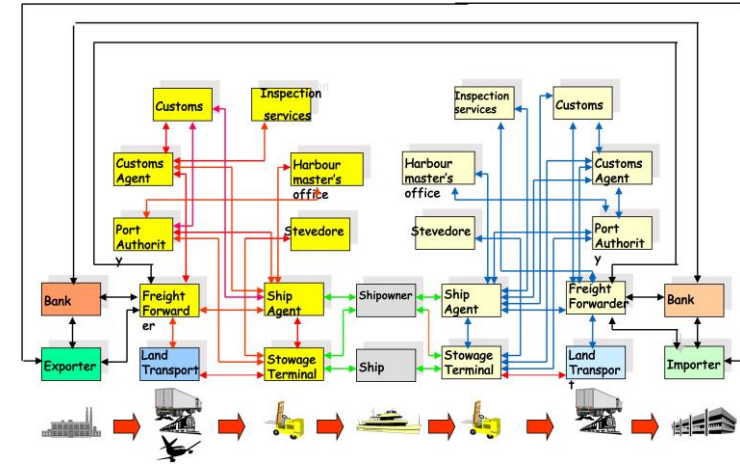
What is a PCS ?

Javier Gallardo
Chairman IPCSA

Barcelona, July 13th 2023

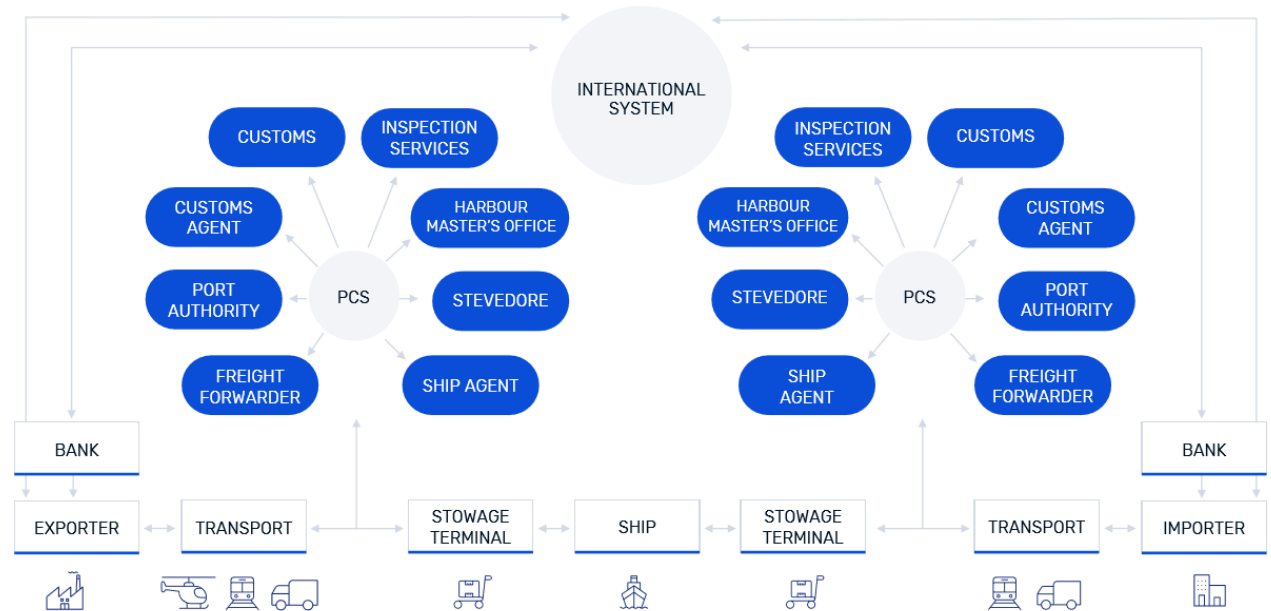
Port Community System (PCS)

- The optimization of data information flow in the logistic trade is challenging.
- PCS came as a solution to improve the efficiency and the visibility of the logistics operations at port areas



1. Port Community System (PCS)

- “**Neutral** and **open** electronic platform enabling intelligent and secure exchange of information between public and private stakeholders in order to improve the competitive position of the sea and air ports’ communities.
- It optimises, manages and automates port and logistics efficient processes through a single submission of data and connecting transport and logistics chains.”
- (quote from IPCSA)



Port Community System (PCS) - Benefits

VALUE CREATION

it provides greater reliability, more efficiency and total transparency and traceability of the goods throughout the port logistics chain.

JUST IN TIME

Information according to business needs, in real time, correctly (without errors) and accurate

COMPETITIVENESS

It allows generating indicators and measuring the quality of the service, allowing to improve the positioning and competitiveness of the port system.

NEUTRALITY AND SECURITY

It provides greater security and confidentiality to the Port Community

STANDARDIZATION AND OPTIMIZATION

From the logistic-port processes, it homogenizes the procedures while simplifying the procedures.

REDUCTION OF TIME AND COSTS

Reduction of times in sending and receiving data, reduction of processing times and decision making with higher quality and faster. Cost reduction in the administration and management of cargo circulation.

RESILIENCE

It must respond in an agile and flexible way to the demands of a market that is increasingly demanding information and quality.

Port Community System (PCS)

- The direct and indirect impact of the PCS on the economy are massive.
 - Economic Savings
 - Increment in commercial activities.
 - Reduction CO2
- Digitalisation generates added value
 - Transparency & reliability with customers
 - Reputation towards customers

Short term economic impact

- 450 M € Saved annually
- 63 % Telematization of documentary processes
- 2700 Jobs saved

Long term economic impact

- 427 M € sales annual increase
- 2564 Jobs created

Enviromental impact

- 13 % reduction in polluting emisión.

<https://piernext.portdebarcelona.cat/en/technology/port-of-barcelona-impact-of-digitalisation-study/>

“Benefits of a PCS”

Reduction of Container Dwell Times



PPL 33-35, Odessa, Ukraine – 2 years from 40 days to maximum 1 hour, in many cases under a minute to be available for collection



PORTNET, Morocco – Reduction to 2-3 days in dwell time from over 30. PCS linked to Single Window



SEGUBE, Togo, West Africa – Reduction of 30+days to 3 days in two years – PCS connected to Single Window