

CYPRUS IMPROVES THE COMPETITIVENESS OF ITS PORTS THANKS TO ITS IMPLEMENTATION OF A PORT COMMUNITY SYSTEM – JUP, BY INDRA

- **The platform enables the different actors of the port community to exchange information electronically and improves the ports' efficiency and competitiveness**
- **The new technology enables the country to comply with EU requirements of counting with systems that support electronic completion, submission, sharing and receipt of information on ships arriving in/departing from ports**
- **With this contract, Indra consolidates its position as provider of port systems, having deployed these in countries including Brazil, Cape Verde, Uruguay, Chile, Spain, Great Britain, Morocco, Panama, Poland, Portugal, and Senegal, among others**

Madrid, June 19, 2017.- Indra with his local partner Newcytech has implemented in Cyprus the Port Community System – JUP, a solution from the portuguese Port Authorities Lisboa, Leixões and Sines, this platform that supports electronic interaction between port operators and authorities, supporting one-time transmission for all reporting formalities required when ships dock at the country's ports. The system automates workflows and directs this information to the corresponding bodies to ensure compliance with operating and legal requirements.

System implementation was launched in 2016 to ensure that Cyprus complied with the European Union Directive 2010/65/EU, that requires all member states of the EU to count with systems that support electronic completion, submission, sharing and receipt of information on ships arriving in/departing from ports.

In addition to guaranteeing port operations, the Port Community System which Indra has supplied the Cyprus Port Authority (CPA) may be integrated with other systems, like billing, and with the entire port community associated with the port business, like customs, safety authorities, shipping companies, terminals, etc. This way, it facilitates communication of the cargo manifest and the granting of required authorizations in the goods import process, and becomes a tool for joint efficiency, given that it contributes to speeding up management of stopovers, anticipating the movement of goods and the transit of passengers. All of this impacts improved capacity and competitiveness of the port logistics network.

The solution includes a specific module for each terminal's operations management (Multi-Purpose Operation System-MPOS) used for planning and registering the terminal's cargo-related operations -whether of containers, vehicles or general goods- and includes billing of all movements as of when loading and unloading of ships begins; management of storage spaces at parks; and the control of entry and exit of goods at the terminal.

In addition to contributing greater control and supervision of goods, another of the system's advantages is that it assures a 100% paperless port, increasing both speed and transparency of port operations for all stakeholders. Likewise, users have multichannel access with a 24x7 availability.

Over 70 ports with Indra technology

This project in Cyprus strengthens Indra's position as technology provider of port systems, with over 70 ports managed using its technology, following other contracts for implementing one-stop shops or the Port Community System. Indra has deployed maritime traffic management systems (VTMIS) at ports in United Kingdom, Morocco, Poland and Senegal. In Poland, a system provided by Indra controls all traffic in Polish waters of the Baltic Sea, covering the 12 biggest ports in the country and the mouth of the River Oder. In Brazil, the multinational is deploying the country's first two VTMIS systems at the ports of Santos and Vitoria as part of a national program.

Indra is also expanding and modernizing the global technological platform used at the Valparaíso port in Chile (PCS SILOGPORT), while it is one of the main technological providers for the Panama Canal expansion project.

Indra has also pioneered maritime surveillance systems, spearheading the Perseus European R&D project, aimed at ensuring security on all Mediterranean coasts. Countries such as Spain, Portugal, Latvia, Romania and Hong Kong all use Indra's systems to control vessel movements in their domestic waters.

About Indra

Indra is one of the main global consulting and technology companies and the technology partner for core business operations of its clients businesses throughout the world. It offers a comprehensive range of proprietary solutions and cutting edge services with a high added value in technology, which adds to a unique culture that is reliable, flexible and adaptable to its client's needs. Indra is a world leader in the development of comprehensive technological solutions in fields such as Defense & Security, Transport & Traffic, Energy & Industry, Telecommunications & Media, Financial Services and Public Administrations & Healthcare. Through its Minsait unit, it provides a response to the challenges of digital transformation. In 2016 it reported revenues of €2,709m, had a workforce of 34,000 professionals, a local presence in 46 countries, and sales operations in more than 140 countries.