

PRESS RELEASE

Italtel enhances ship-to-port communications for the Costa Cruises fleet

Milan, March 30, 2026 – Stable connectivity between ship and port is a key element for operations in the cruise industry. During each port call, within a limited timeframe, critical activities are managed, such as the check-in of thousands of guests across complex port areas including docks, terminals, and offices. In this context, network continuity is essential to ensure operational efficiency and smooth processes.

To meet this need, Costa Cruises has chosen Italtel, together with Cisco technology, to develop an advanced wireless connectivity solution capable of ensuring continuous, secure, and low-latency communications between ship and port. The solution has been designed to overcome the limitations of traditional technologies, delivering reliable performance even in complex operational environments such as particularly busy ports or in suboptimal weather conditions.

The solution designed by Italtel is based on a point-to-point/mesh radio network, built using Cisco Ultra Reliable Wireless Backhaul technology, specifically engineered to operate in maritime and port environments and resistant to humidity, salt, and challenging operating conditions. The system creates a direct link between the onboard network and onshore infrastructure, allowing mobile devices used for check-in and boarding of guests and crew to operate within a single integrated network environment, without the need for complex cabling or additional configurations.

The result is a significant increase in operational efficiency: check-in activities are faster and more reliable, the network ensures high availability, and it is easily scalable, flexibly adapting to different port layouts and enabling the integration of new mesh points without any interruption to operations.

“With this solution, Italtel has effectively transformed the dock into a virtual extension of the ship, making passenger boarding processes simpler, safer, and more efficient,” commented **Giovanni Salerno, General Manager Italy** of Italtel. *“This project confirms Italtel’s role in supporting the digital evolution of complex operational environments through reliable and integrated solutions that enable new high-value operational models.”*

Following deployment across nine ships in the Costa fleet, Italtel is now supporting the customer in the development of an innovative portable kit designed to further accelerate operations in port terminals."

Italtel

Italtel is a multinational company operating in the Information & Communication Technology sector with a strong focus on innovation. Italtel offers digital transformation solutions that include networks, data centers, digital workspaces, security, hybrid cloud, and the Internet of Things. The solutions consist of both proprietary and third-party software products, managed services, engineering and consulting services, analytics, and automation. The target market consists of public and private companies, with a specific focus on the vertical markets of Telco, Media & Entertainment, Public Administration, Banking and Insurance, Utilities, Transportation, Healthcare, and Manufacturing. For info:

www.italtel.com

Contacts:

Italtel | Laura Borlenghi | +39 3357694240
laura.borlenghi@italtel.com

MAIM | Public Diplomacy & Media Relations
Andrea Pontecorvo | +39 3935486192
stampa@maingroup.com