

BRAZIL'S LARGEST PRIVATE LIQUID TERMINAL UPGRADE PRESET CONTROLLERS TO HONEYWELL FUSION4 MSC-L

Success Story

Brazil's Leading Private Liquid Terminal, Cattalini Terminais Marítimos S/A, Chooses Honeywell Fusion4 MSC-L Controllers for Enhanced Control and Efficiency.

BACKGROUND

Cattalini Terminais Marítimos S/A stands as Brazil's leading private liquid terminal, with an impressive storage capacity of 610,000 m³ for a wide range of products, strategically located in Paranaguá, Brazil. The Terminal comprises 133 tanks organized into four (04) bonded tank farms, Cattalini's terminal ensures product segregation and safety through an interconnected piping system.

FLUXO, Honeywell's esteemed channel partner in Brazil, is recognized for delivering cutting-edge technological solutions while leveraging its local expertise in engineering, integration, and after-sales support, earning recognition in the market.

With a longstanding partnership spanning over two decades, Fluxo has consistently contributed to Cattalini's growth and innovation journey.

THE CHALLENGE

The challenge was to maintain the company's recognition as one of the most efficient on the Brazilian coast through cutting-edge and excellent solutions.

THE SOLUTION

Based on previous experience using Honeywell's Fusion4 MSC-L preset controllers for the Truck Loading area, and after careful consideration, Cattalini management accepted Fluxo's proposal to upgrade the Rail Loading area in Tank Center-3 (TC-3) with Fusion4 MSC-L controller for rail transfers.

The project features 16 automated flow measuring, and control streams integrated into skid modules, each equipped with a Coriolis-type mass meter, Digital Control Valves, Temperature Transmitters, Static Grounding monitor, and a loading arm, to meet stringent metrological requirements for fiscal measurement and custody transfer.

The Honeywell's Fusion4 MSC-L are custody transfer approved preset controllers, facilitating seamless communication with supervision and control systems as well as the Terminal Management System (TMS) using an open protocol. This integration ensures streamlined loading processes, from initiation to invoice issuance, with minimal human intervention, thus safeguarding transaction integrity.

Fusion4 MSC-L controller's Dual Bay control feature is a key advantage, controlling two flow streams in two separate transactions for rail loading gantry minimizing hardware, control complexities, and smooth integration.



Honeywell

RESULTS

Renowned for its advanced technology and user-friendly interface, the Fusion4 series offers state-of-the-art features, including an 8" WVGA color screen and innovative hardware.

With this upgrade, Cattalini enhances the efficiency and safety of its rail loading operations for CT-3 area, incorporating a robust and precise measurement and control system. Consequently, Cattalini became the largest user in Brazil, accounting for 17% of the entire installed base of the Fusion4 MSC-L model electronic presets in Brazil.



For more information

To learn more about Honeywell Loading, Blending and Additive Solutions visit [web loading-and-additive-products](#) or contact your Honeywell Account Manager.

Process Measurement and Control

2101 CityWest Blvd
Houston, TX 77042
www.honeywell.com

CSS-23-42-EN | 10/24
© 2024 Honeywell International Inc.

**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell