



Chennai International Terminals Pvt. Ltd., India, the top global seaport automates its facility maintenance operations with eFACiLiTY®

CLIENT BACKGROUND

PSA International is one of the leading global port groups and a trusted partner to cargo stakeholders around the world. With flagship operations in Singapore and Antwerp, PSA's portfolio comprises a network of over 50 coastal, rail and inland terminals in 18 countries.

PSA Chennai is a subsidiary of PSA International. PSA Chennai operates within Chennai Port, one of the 12 Major Ports in India, strategically located on India's southeastern coast, close to many key manufacturing, industrial, and economic zonal development centres. Chennai International Terminals Pvt. Ltd. (CITPL), a wholly-owned subsidiary of PSA International Private Ltd. is the latest & new Container Terminal in Chennai seaport that has been ideally positioned for the high growth of the Chennai region.

Source: <https://www.citpl.co.in>

BUSINESS CHALLENGE

CITPL's maintenance team was using legacy software for facility maintenance that did not meet their operational requirements and Oracle Fusion for Inventory Management integration. Moreover, the software was also not customizable.

Hence, the team sought to find a software solution that could take care of their assets/equipment, meet their operational needs, and manage their inventory efficiently through integration with Oracle Fusion to provide better visibility into and control of goods flows across their seaport and supply networks with the required customizations.

SOLUTION

CITPL seaport's maintenance team required an enterprise maintenance management solution that could streamline their maintenance operations, seamlessly integrate with their applications, and provide the required customizations.

The Bharat Kolkata Container Terminals (BKCT) seaport, which is also a part of PSA International, is a long-term client of SIERRA and has used eFACiLiTY® for its projects, recommended SIERRA's eFACiLiTY® Enterprise Asset Management (EAM/CMMS) Software for the implementation. CITPL team was also fully assured with the scale of extensive experience SIERRA had in successful implementations for larger organizations across the world and chose eFACiLiTY® for this project.

eFACiLiTY® went live in September 2020 to streamline the busy seaport's maintenance and inventory operations.

Implementing eFACiLiTY® Enterprise Asset Management (EAM/CMMS) Software enabled CITPL to set up a centralized system to easily view & manage all assets/equipment information right from repair history and cost to hierarchy, parts consumption, etc.

And since eFACiLiTY® can seamlessly integrate with any third-party ERP applications, it was easy for the maintenance team to integrate with the Oracle Fusion Inventory Management solution which enabled them to manage their inventory operations efficiently and provided them with real-time visibility into inventory across internal & external locations, including goods in transit. Through this integration, the team was able to keep track of optimum inventory levels of all items to ensure that all the maintenance processes are performed efficiently without any errors or delays.

The crucial inventory management features like Purchase Requisition, Purchase Order, and Goods Inward were integrated between Oracle Fusion and eFACiLiTY®. The integration of Oracle Fusion Flat files enabled easy sharing of the Pretty Good Privacy (PGP) encrypted data with eFACiLiTY® and vice versa, which is an encryption method that uses digital certificates to encrypt files providing enhanced security.

CLIENT BENEFITS

eFACiLiTY® enabled the CITPL seaport to track & manage more than 1000+ assets/equipment, 2000+ spare parts, etc., and automate all major maintenance activities and significantly increase their productivity.

eFACiLiTY® integration with Oracle Fusion facilitated the CITPL seaport to achieve rapid order fulfillment while safeguarding its revenues by automating, streamlining, and controlling inventory operations from both inside the seaport and across their complex global supply network.