LTIMindtree
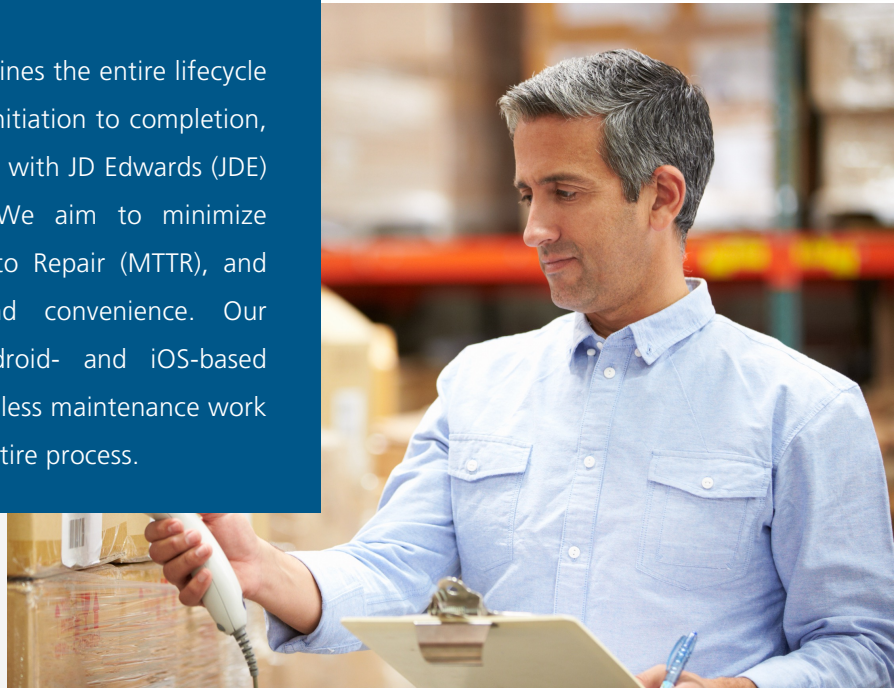
Brochure

Streamlining the Lifecycle of Maintenance Work Orders Through Integration with JDE Orchestrator APIs

Introduction

LTIMindtree's digital solution streamlines the entire lifecycle of maintenance work orders, from initiation to completion, through handheld devices integrated with JD Edwards (JDE) EnterpriseOne Orchestrator APIs. We aim to minimize manual work, reduce Mean Time to Repair (MTTR), and increase flexibility, efficiency, and convenience. Our innovative solution leverages Android- and iOS-based handheld devices for quick and seamless maintenance work order transactions, simplifying the entire process.

Business Problem

In industries such as oil and gas, routine inspections of vital equipment are essential tasks managed by skilled maintenance staff. The maintenance staff still relies on manual processes to capture critical equipment information in the field. Typically, data is collected on inspection or maintenance checklists, followed by manual entry into ERP systems. This process aims to digitize information, trigger subsequent work order management activities, and preemptively address potential equipment breakdowns based on inspection data. However, this labor-intensive process is prone to errors, repetitive, and time-consuming. It compromises the safety of assets, operating personnel, and the reliability of operations.

Our Solution

LTIMindtree's cutting-edge solution combines Android/iOS-based handheld devices with JDE Orchestrator APIs to efficiently handle the entire maintenance work order lifecycle while minimizing paper usage. Our solution empowers users to instantly create work requests, capture asset images, attach them to work requests, and add or update labor steps. It further fetches tests and inspection activities, returns test results to the ERP system, generates inspection reports, and displays relevant datasheets.

It provides businesses with the following benefits:

- Ensures real-time updation of asset maintenance data in the ERP system

- Simplifies field data capturing

- Minimizes or eliminates manual work based on the task

- Quickens issue reporting

- Saves time for maintenance staff by eliminating repetitive work

Why LTIMindtree

- Our unique selling proposition lies in the extensive experience of our domain consultants in the oil and gas industry and the expertise of our strong technical team.

- Dedicated research and development laboratories drive continuous improvements and innovation in our solutions, setting us apart from the competition.

- An unwavering commitment to research and development and a focus on continuous improvement ensures we deliver the best solutions to meet our customers' needs.

LTIMindtree embraces the limitless possibilities of technology with comprehensive IT services and solutions, that help empower your business to thrive in this digital age. Experience the benefits of LTIMindtree's solution and take control of your inventory management today.

For more information, write to us at oraclemarketing@ltimindtree.com.

About LTIMindtree

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 84,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit**: www.ltimindtree.com**