



Let's Solve

FieldON

Mobile enabling the field force for optimized asset performance



A Larsen & Toubro
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The Need

For asset intensive industries, effectively managing a field service operation is an ever-evolving challenge. Enterprises need to ensure optimal and uninterrupted asset operations while maintaining highest levels of field force safety and productivity. Therefore there is a need to empower and engage the field force in new innovative ways; to go beyond relying on radios and mobile phones for communication, paper-based data collection, and manual processes. Enterprises need a solution that

circumscribes all the tools and data required for field force to work better.

The evolution of digital technologies and their wide accessibility has revolutionized the way business is done. LTI's FieldONmobile solution can help asset intensive enterprises to overcome the challenges in maintaining their mission critical assets. It empowers the field force with a one stop solution that helps them to work more productively and safely which in turn will ensure optimal asset performance.

Solution Highlights



Supports multiple form factors (Smartphones, tablets, desktops and laptops)



Open standards based framework; Available on iOS, Android and Windows



Role based login for supervisor and field engineer profiles



Replication of exact business workflow as defined in Enterprise Asset Management (EAM) with high usability and navigation



Middleware based integration approach with EAM supporting authentication and session propagation



Reduced sync times, appropriate error handling in case of sync errors



Enables field engineers to work on multiple Work Orders



Notifications to field engineers in case of changes in work orders or newly assigned work orders



Support for wearable devices and leveraging Augmented Reality



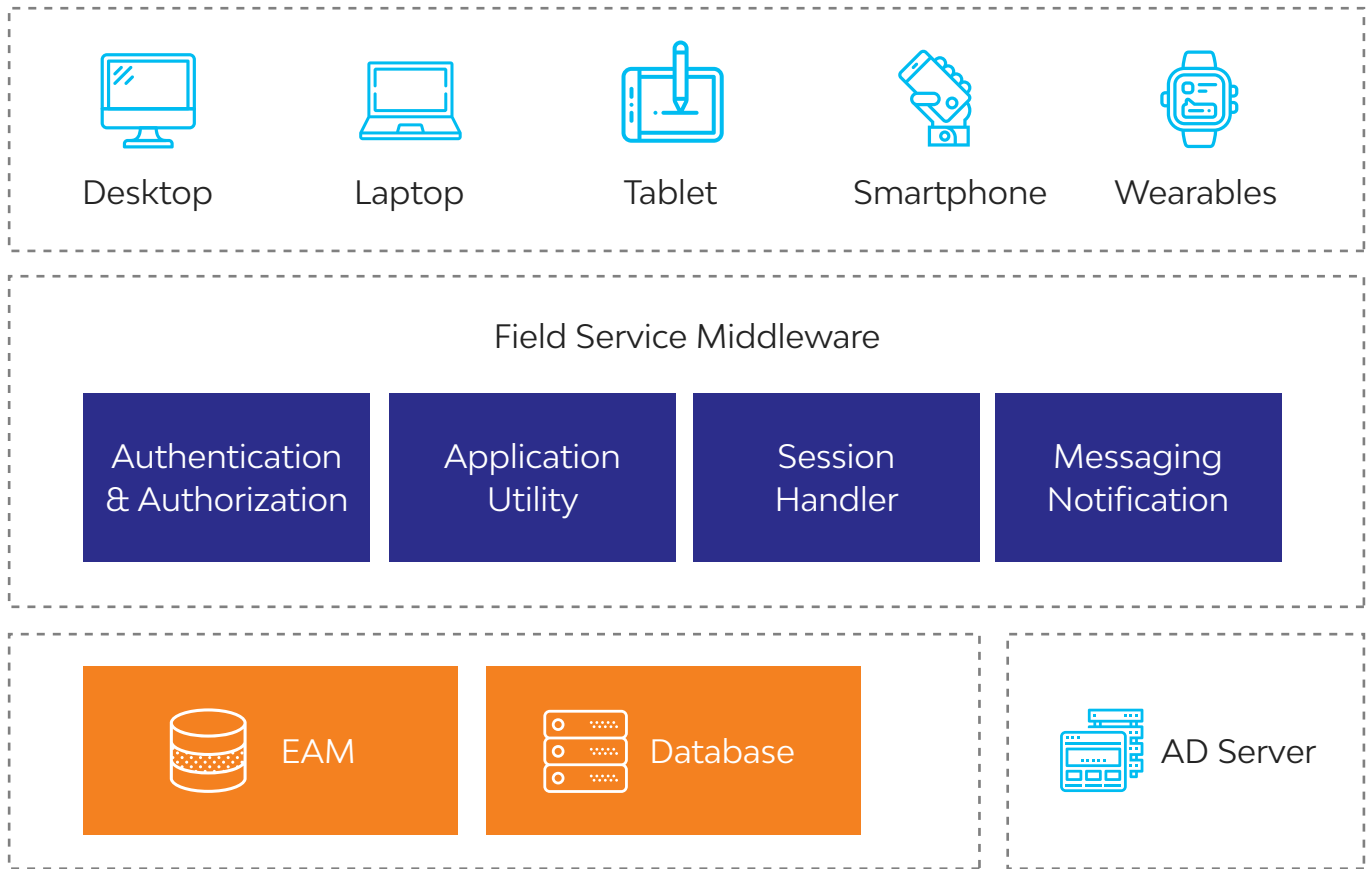
LTI's FieldONmobile solution has been uniquely designed from the ground up with field technicians and engineers at its heart. It empowers field engineers with real-time information and access to asset data, locations, asset hierarchy and maintenance history in a simplified view so that they can successfully complete complex work orders. It provides all the information needed to resolve the issues and ensure that assets are operating efficiently.

It is fast and easy to implement, and seamlessly integrates with Enterprise Asset Management (EAM) systems and other applications.

Solution Features and Architecture

<h3>Work Order (WO) List</h3>	<h3>Offline</h3>
<ul style="list-style-type: none"> • Assign Work Orders to field engineers • View WO List with notifications • WO Filtering • Calendar view of WO 	<ul style="list-style-type: none"> • Initial master data sync and delta sync • Sync offline content to EAM & vice versa
<h3>WO Details and workflow</h3>	<h3>Work Order Creation</h3>
<ul style="list-style-type: none"> • View/Edit WO Details • Update WO status to field complete, not complete or reschedule • Viewing multiple asset details • Add/View work plans or tasks • Update labour time for self and other labour on WO • Add/View/Download documents • View/Update meter readings • View WO history by asset • Start multiple WO's simultaneously • Failure reporting and Remarks 	<ul style="list-style-type: none"> • Create/ Edit WO Offline/ Online • WO update upon updates from engineers • Unlimited follow up WO & assign to Self / Others • Asset / Location selection using Grid / Tree view with wild card search
	<h3>Analytics</h3> <ul style="list-style-type: none"> • Number of monthly active users • WO's worked by type by month • LanID's and date of use of configured users and active users listing



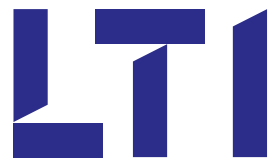


Success Story

Transforming Field Service Operations – Field Mobility apps Of a US based Largest NGL producer

Problem Statement	Solution
<ul style="list-style-type: none"> • Lack in efficiency due to long sync times and sync failures in existing solution • Incorrect handling of certain error scenarios like conflicts • Inefficient user flow 	<ul style="list-style-type: none"> • Cost-effective, simplified and intuitive solution built on robust Open standards based framework supporting iOS, Android and Windows • Replicates the exact business work flow as defined in Maximo with high usability and navigation. • UX design and colours used allows users to use the app in bright sunlight and enables users with color deficiencies to use the app effectively





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LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions company helping more than 300 clients succeed in a converging world. With operations in 29 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivaled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 25,000 LTIites enable our clients to improve the effectiveness of their business and technology operations, and deliver value to their customers, employees and shareholders. Find more at www.Lntinfotech.com or follow us at [@LTI_Global](https://twitter.com/LTI_Global)

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