

**CASE STUDY**

# Revolutionizing Project Inventory Management: A Seamless Solution for an OCTG Products Manufacturer





## About the client

Our client is a privately owned company founded in 1937 and based in Houston, TX. The company is a renowned distributor of OCTG products, including pipes for the oil, gas, and energy industries. They needed a mobile app solution for a distributor of OCTG products for their end customers to manage their project tallies and joints with QR Code and Bar code Scanning with Online and Offline capabilities.



## Challenges



Manual inventory management and maintenance for various customer projects



Time-consuming process due to the reliance on resource availability at specific locations and manual processing



Dependency on manual on-boarding of user agents, location-based system dependency, and limitations on inventory management



## LTIMindtree solution

Proposed a hybrid mobile app-based solution with an intuitive interface encompassing QR code and barcode scanning with online and offline capabilities



Built a hybrid solution that enables multiple mobile service providers to use a single application



Developed a NODEJS layer that integrates with Oracle ATP Database seamlessly (REST APIs)



Compliant mobile app for the Apple App Store and Google Play Store



Provided an exclusive mobile app configuration persona using Oracle ATP database configuration table for key employees (approvers), ensuring a secure environment for testing and production





## Business benefits



Established the customer's first digital cloud footprint on the Apple App Store and Google Play Store



Elimination of location and medium dependency, enabling on-the-go process



80% increase in efficiency of the user onboarding, project inventory management, and approval process



Successfully transformed the supply chain and project inventory management, embracing mobility and real-time data while achieving remarkable efficiency gains





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