



Case Study

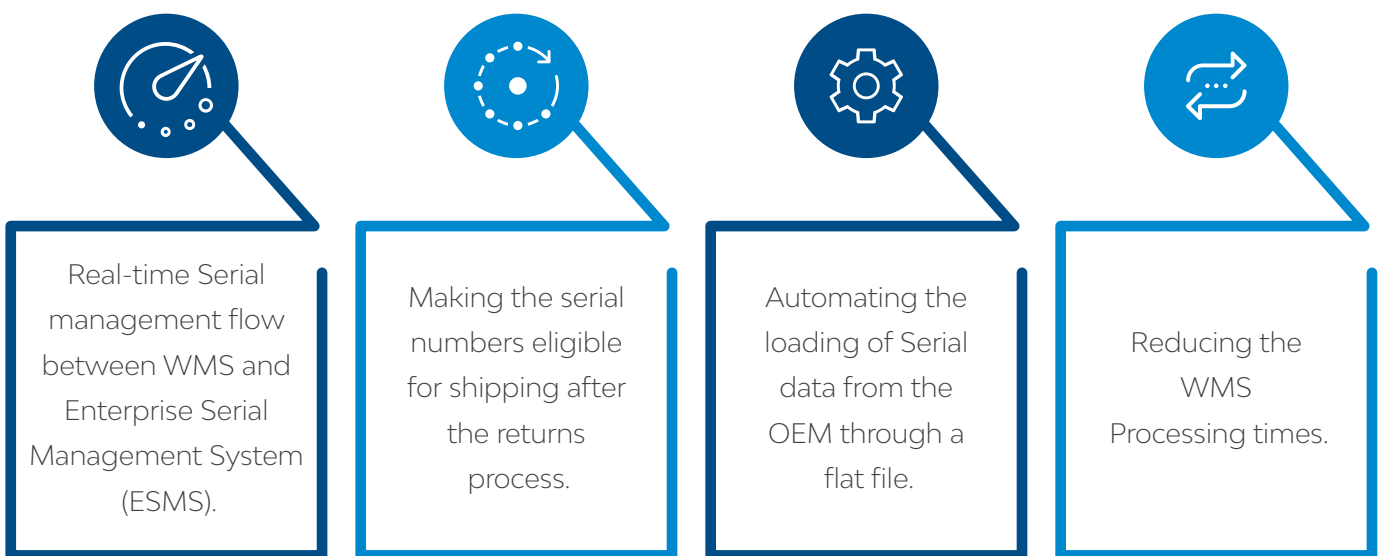
Design & Implementation of Serialized Management System for US-based Global Technology Distributor

Client

A Fortune 100 company, which is the world's largest wholesale technology distributor, and a global leader in IT supply-chain and logistics solutions.

Challenges

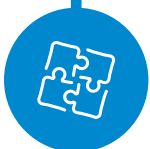
The client was looking to store the serialized data for the products being handled in the warehouse into a data repository, so as to enable the location-based tracking of actual products. The serial-to-location tracking feature was the major ask with major challenges as below:



LTIMindtree Solution

LTIMindtree helped the client to implement an ESMS solution to store and analyze the serialized product data, and it was achieved through following activities:

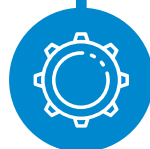
Integration of WMS and ESMS through web-service call.



Optimization of Custom code/functionalities to reduce network delays.



Customizing WMS to use different parameters for different types of product picking.



Enabling web-service call in all the RF handheld devices and in work stations.



Business Benefits Delivered



Data transfer between the host and WMS system is significantly reduced.

Transaction time for serial picking/receiving between the WMS and the host system decreased by 80%.



ESMS to handle multi-tier data system and to share data through the web-services.

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 <https://www.ltimindtree.com/>