



Let's Solve

Case Study

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



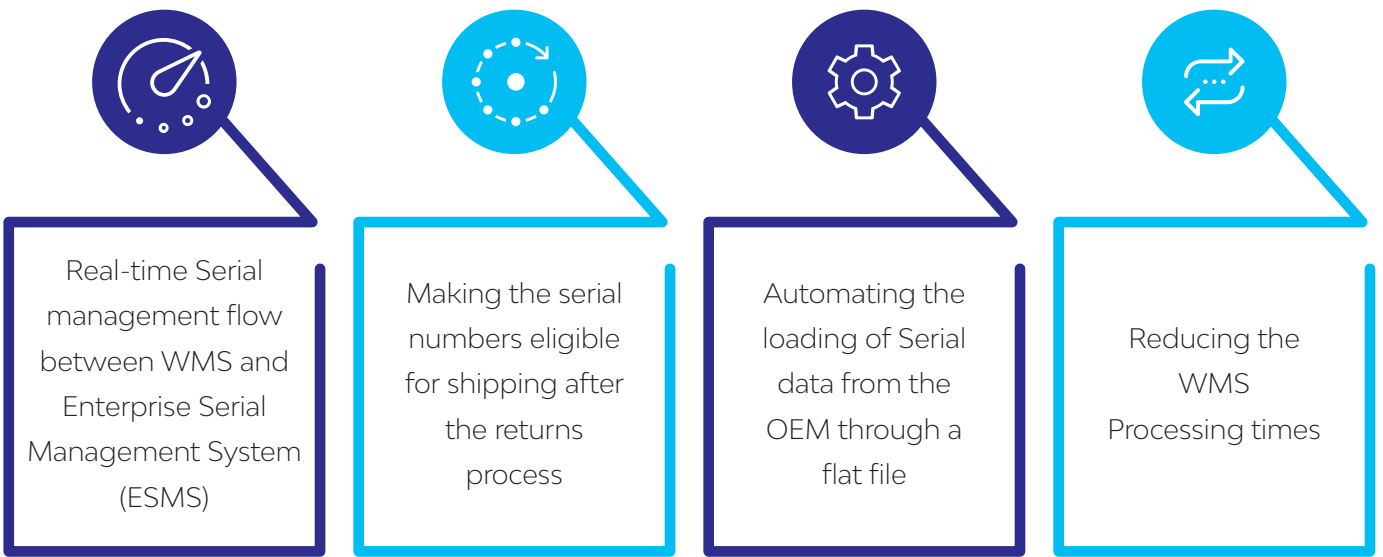
A Larsen & Toubro
Group Company

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:



LTI Solution

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

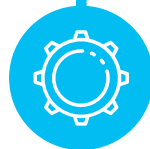
Integration of WMS and ESMS through web-service call



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

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