



Let's Solve

# Case Study

Enhanced Shipment Capabilities through Seamless 3PL Integration for Largest Global Manufacturer of Networking Equipment



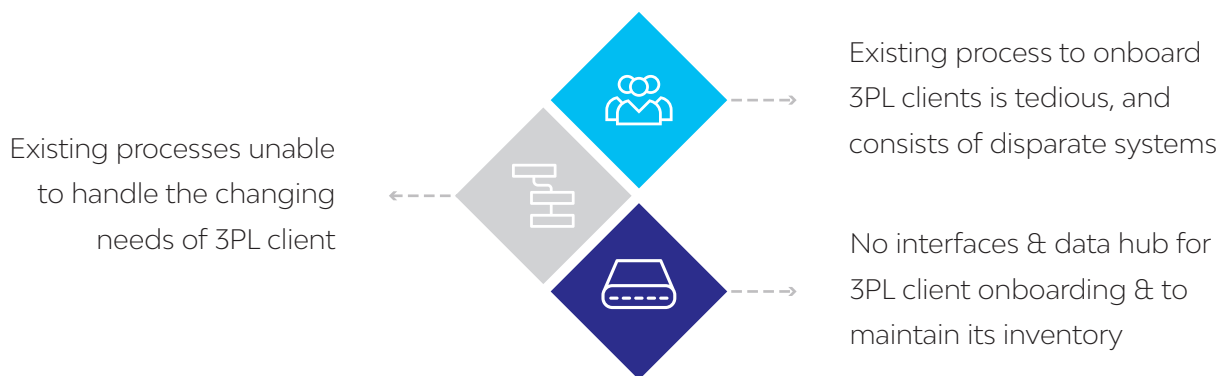
A Larsen & Toubro Group Company

## Client

A Fortune 100 company, which is the world's largest designer, manufacturer and seller of networking equipment.

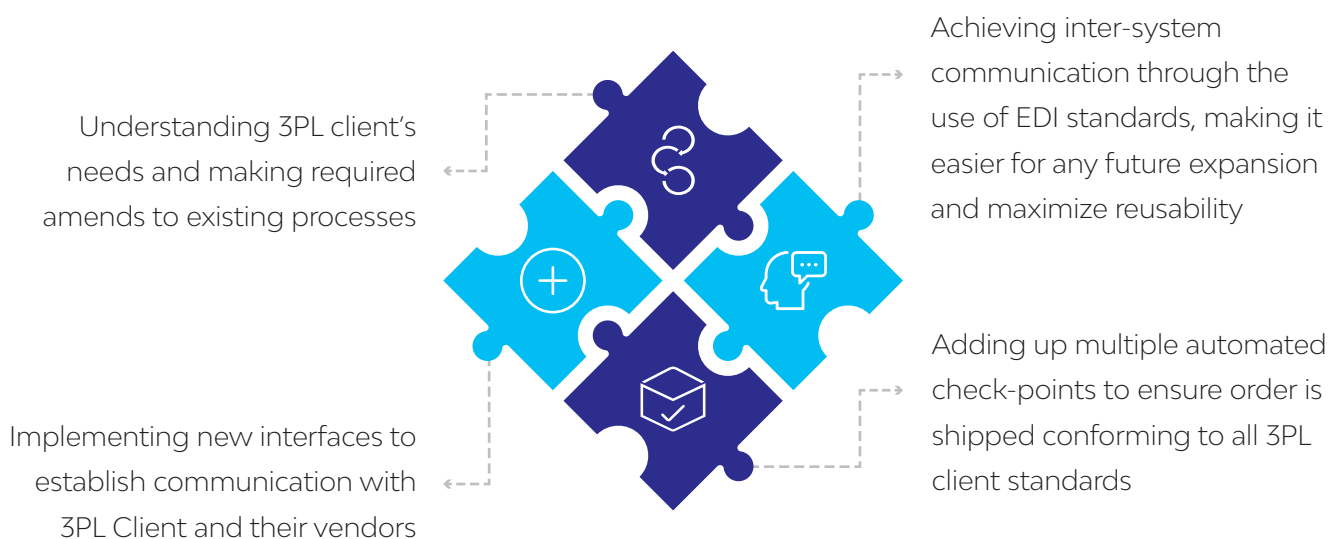
## Challenges

The client is directly involved in manufacturing of their networking devices, but the logistics portion was outsourced to other 3PL providers. The client was trying to facilitate a smooth on-boarding of 3PL client on to the existing WMS system, by making system enhancements, with the following key challenges in mind:



## LTI Solution

LTI helped the client in designing and implementing a solution to on-board the 3PL provider by completing the following key activities:



Uniqueness of solution – Provides interface to on-board 3PL clients and their multiple vendors ensuring maximum reusability of the solution. Industry standards emphasized on all customizations, thus new vendor on-boarding always achieved with minimal configuration changes to the system.

**Tools:** Microsoft Visual studio 2005, Team foundation Server, Toad, Putty, SSH secure shell, Microfocus Net express, Forms Partner.

**Operating system:** Windows server 2003, Mainframe-ZOS, Linux/Unix



**Languages:** Microsoft Visual C, Microfocus Cobol, .net, Cobol, Pro\*C

**Database:** Oracle, DB2, SQL Server

## Business Benefits Delivered

- Achieved best On-time Shipment (OTS) % compared to the client's engagement with other 3PL partners.
- Eventually reached 100% OTS over a period of four months, which allowed the client leap ahead of the promised SLA, or even accommodate surprise shipping needs from some of their larger business partners.
- Labor cost savings of 4 man hours per day per warehouse, due to automation of processes and introduction of additional check-points which reduced the amount of manual efforts spent on order processing
- Generated key additional business segments with the client, as 3PL was able to showcase better order processing capability compared to client's other 3PL Partners
- Volume of the Shipping increased by 50% over a period of six months, with the same labor
- Process Productivity increased by 40%
- Improved business processes that can be applied to other 3PL Clients, thereby increasing the overall productivity of 3PL Provider

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