Case Study

Packaging Solution for US-based Automotive OEM
Client

The client, US-based Automotive Original Equipment Manufacturer, wanted to create a package tracking system, with additional features and functions, which aims to expand the usage in plant and become the single source of truth for all packaging related data.

Challenges

- Non-standard naming conventions for packages across plants leading to lack of visibility in availability of reusable packs
- Manual intervention from inception until build out, leading to huge manpower requirement and prone to human errors
- Data discrepancy between systems leading to inaccuracies and high cost of correction
- Manual transfer of package drawings through physical media (CDs, DVDs) between package manufacturer, OEM and part manufacturer
- Complex, time-consuming and person-dependent approval process
- Lack of an efficient platform for performing trailer optimization
LTI Solution

- Standardized 10-character naming convention for packaging across the region
- Automated linking of similar parts to existing packages, thereby eliminating the need to assign packaging manually
- Solution to be the gold source repository for all packaging data
- Allow pack suppliers to upload drawings
- User dashboard implemented to give user a holistic view on tasks completed and tasks pending
- Workflow-based system to have a standard process, and timely alerts & notifications to be triggered to stakeholders

Business Benefits Delivered

- Estimated yearly benefits of USD +15 Mn across the entire region

Technology IP

- Spring 3.0.5
- Struts 2.2
- Hibernate 3.6
- jBPM 3.4
- JDK 1.6

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