

## A Brief Profile

ProModel Provides Simulation-Based Decision Support Solutions that allow organizations to understand system performance in a low-risk environment, enabling Automotive Manufacturers to:

- Visualize Operations in virtual environment
- Analyze the performance of systems based on a multiple configurations
- Optimize and Maximize performance prior to implementation

## Our Customers

### Vehicle Manufacturers

- Toyota
- Subaru
- GM
- Nissan
- Honda
- Volkswagen
- Navistar Trucks (International)
- Daimler
- Harley Davidson
- Defense Contractor Vehicles
  - General Dynamics
  - Textron
  - BAE

### Tier 1 Suppliers

- Denso
- Benteler
- IAC
- Mahle
- Nemak
- Yazaki
- TRW
- Lear
- Brose

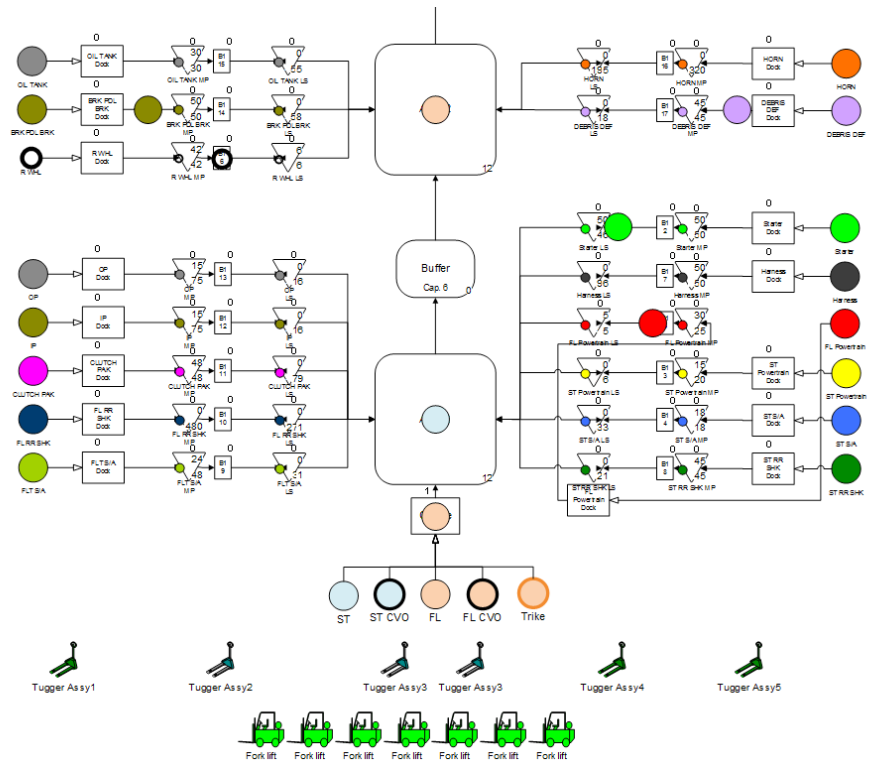
## Customer Project - Materials / Inventory Management Analysis

### Situation:

Phase 1: Model production capabilities to ensure plant was capable of increased production levels

Phase 2: Analysis of material handling, and replenishment strategies to Reduce Plant Inventory levels of sub-assemblies while maintaining production levels

- Focus was to look at Line-side and market place reorder points and quantities while taking into account variable lead times from their supplier to minimize the WIP held onsite
- The material handling types and quantities were analyzed to right-size the labor and equipment for the specified frequency of deliveries



### Analysis Showed:

Minimum level of inventory the client could keep Lineside and in their Marketplace represented a 50% reduction in inventory holding costs

Space needed for subassemblies lineside was significantly reduced making room for future growth

Current planned MHE level could not support the level of deliveries; client avoided potential issues by identifying in the model the specific number of resources needed to support the replenishment strategies.

