

CASE STUDY



ALIGNED TRANSPORT CUBE OUT MINIMIZE SHIPMENT COSTS SIGNIFICANTLY

A large automotive manufacturer with numerous assembly plants, suppliers, and consolidation centers around the world, was experiencing increasingly high expedited shipping costs of over a million dollars per year. Expedite shipments were necessary when space on the regular scheduled transports was insufficient. Shainin was asked to partner with a team to discover the root cause.

THE PROBLEM

The client needed to get the increasing shipment costs under control with an aligned transport cube out, which needed to fit into the existing packaging, route design, and finally into the set scheduling systems. The spaces on each transport run needed to be adequate and should not leave any goods behind at the consolidation centers.

THE APPROACH

Using Shainin's TransaXional® approach, the team isolated the causes across numerous independent systems involved in packaging, scheduling, and route design. The team also visually defined the hierarchical dependencies among these functions, enabling all organizations to understand cause and effect relationships. This allowed the team to work efficiently by first correcting functions that affected others, rather than putting wasted energy into making system changes.

BENEFITS

1. Identified and corrected programming loophole to prevent systems abuse saving over \$500,000.
2. Identified and corrected business rules across multiple systems to prevent problems at the source.
3. Efficiently redesigned business rules for a "master" shared database in four days.
4. Eliminated costs to populate and maintain multiple databases.

