



In 2017, Honda, Toyota, FCA, Nissan, GM, and several representative suppliers and logistics

service providers came together with the goal of creating an advanced method for managing the location and distribution of reusable packaging and associated parts. That's when AutoSphere began.

Solving something as complex as a supply chain can be achieved only through a

unified system that relies on one essential element: massive collaboration.

AutoSphere is a community-based approach to network visibility for OEMs and their suppliers. It replaces antiquated systems of record and counts of OEM sponsored supplier participation for success.

Building a Community Supported by a Unified System

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UNIFYING THE SUPPLY CHAIN WITH AUTOSPHERE

- Uses a common set of processes and data transactions to effectively manage packaging and parts supply chain transactions
- Uses Surgere's software, hardware, and RFID tags that conform to community architecture
- Delivers an unprecedented level of visibility, efficiency, and control
- Represents a quantum leap in supply chain management

Savings Across Every Link of the Supply Chain

Membership in AutoSphere requires data collection accuracy to be 99.9% to produce a meaningful ROI within 6 months.

Members of AutoSphere can expect:

- Packaging and part loss mitigation
- Reduction of expedites
- Reduction in the use of corrugated packaging
- Increase in reusable packaging availability
- Granular part location
- Labor reduction
- Reduced production interruptions
- Transportation optimization

The AutoSphere model is proven to work across all industries.

Best in Class Case Study

One large global automotive OEM helped build the foundation of AutoSphere and still contributes to the community today. The following case study is from the beginning of our engagements.

! PROBLEM

- Production inefficiencies/ lack of packaging
- Inability to manage regional asset ownership
- Antiquated system
- Excess manpower needs due to previous system
- Significant returnable container loss across North American Plants
- Expedited freight and packing costs

🔍 SCOPE OEM

- 4 OEM business units covering 6 plants
- 750 portals
- 25 handhelds

🛡️ SOLUTION

- Asset/container management
- Supply chain management
- Yard management/trailer management
- Interfaces/system integrations

💰 OEM ROI

- Controlled manpower needs and transportation spend
- Move to national based fleet ownership (versus regional)
- Introduction of serialized asset management system
- Ability to measure "Plan Versus Actual"
- Introduction to departmental KPIs
- 22% reduction in expedited shipments from 2020 Q3 - 2020 Q4
- 55% reduction in expedited shipments from 2020 Q4 - Q1 2021
- 21% reduction in abnormal shipment approvals from November 2020 - December 2020
- Additional 25% reduction in abnormal shipment approvals from December 2020 - January 2021