One Network Enterprises™

A Control Tower Solution for Automotive & Industrial Manufacturers:

The Blueprint for Achieving Breakthrough Performance

The solution leverages One Network's multi-enterprise platform to create end-to-end organizational and supply chain visibility from upstream supplier capacity to downstream customer sales. This creates a common single version of information for near real-time planning, execution, procurement, fulfillment and transportation to help lower costs and improve customer service for all participants in the supply network.

KEY INVENTORY IMPROVEMENTS:

- 3-10% one-time inventory reduction in light and commercial vehicle segments
- 5-20% recurring carrying cost reduction
- 10-30% recurring reduction in excess inventory write-offs

KEY LOGISTICS, IT & LABOR SAVINGS:

- 10-25% recurring reduction in freight expedite costs
- 5-10% recurring standard freight reductions
- 3-15% recurring IT expense avoidance
- 35-75% reduction in manual planning requirements

Automotive and industrial manufacturers face a unique set of supply chain challenges related to the growing variability of demand, escalating customer expectations, new supply chain risks, growing product complexity and lack of internal and external alignment.

To address these challenges, manufacturers seek to create end-to-end visibility of their supply chain from customers to tiered suppliers while intelligently analyzing business scenarios and synchronizing updated plans across all relevant parties collaboratively and in real-time.

This can only be achieved by leveraging both a network-enabled Control Tower strategy coupled with industry-proven data harmonization, replenishment, logistics, and supplier management solutions.

SETTING THE FOUNDATION WITH THE NEXT GENERATION CONTROL TOWER PLATFORM

Historically, any enterprise system implementation required a big bang approach to deploy. This approach proved to be enormously expensive, too long and too risky. In addition, continued support can also be costly, and the inability to adapt these systems as business needs change does not allow companies to keep pace with the speed of business.

The One Network platform provides the foundation necessary to deploy a Control Tower solution using an agile and self-funding model while ensuring a successful long-term strategy. As the industry's leading Control Tower PaaS, One Network offers key advantages that ensure success:

- **Community Master Data Management** allows all internal business units, facilities and external suppliers or customers to operate on a single MDM model. Each party modelling their own world of objects, with One Network automatically translating and propagating updates to all relevant parties.

- **Multi-Party Permissibility** enables robust permission-setting capabilities for any control point and system functionality, maintaining full autonomy over how each partner wants to run their business.

- **A Software Development Kit (SDK) and Module Store** allows organizations to develop high value applications while maintaining backward compatibility over time. Individual business units can also rapidly publish and deploy applications to extract value across an entire enterprise or network of trading partners.

- **Network-Ready Intelligent Agent Technology** continuously monitors the supply chain, making optimized decisions and generating transactions in real-time, across multi-party and multi-tiered networks.

- **A Blockchain-Enabled Platform** ensures your organization is prepared for the future of trade. ONE's platform comes pre-integrated with the leading blockchain networks to enable greater trust, security and supply chain visibility.

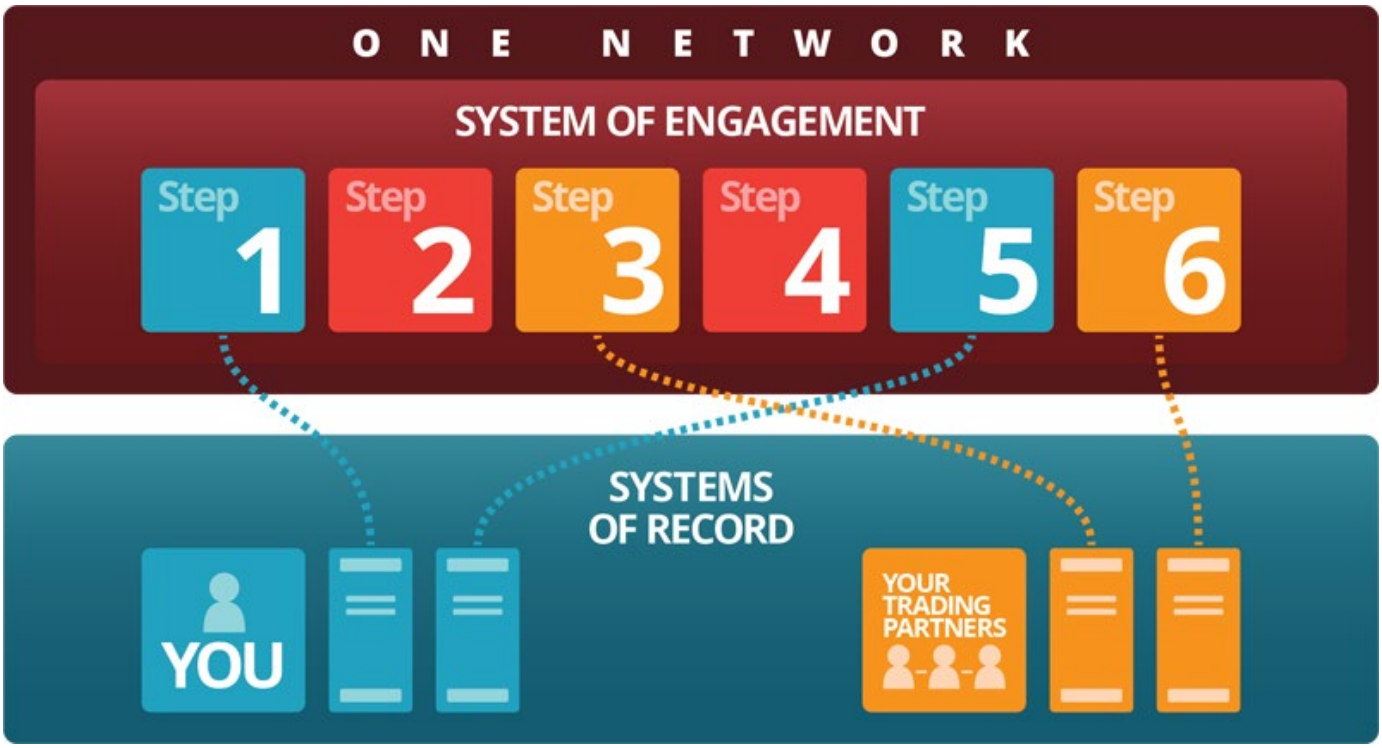
MULTI-PARTY MDM & PERMISSIBILITY ENABLE CROSS-LEGACY PROCESS AND TRANSACTION MANAGEMENT

One Network's Control Tower solution is fundamentally designed to be a System of Engagement (SoE) layer across various Systems of Record (SoR), such as ERP systems. An SoE

is designed to be network-centric to facilitate collaboration among partners around a transaction or workflow, i.e. order-to-cash.

Using One Network, a controlling enterprise can assign system-of-record responsibility to each state and action in an operational sequence. The result being that our platform oversees the end-to-end processes, but where appropriate intervening steps can be processed by pre-existing systems.

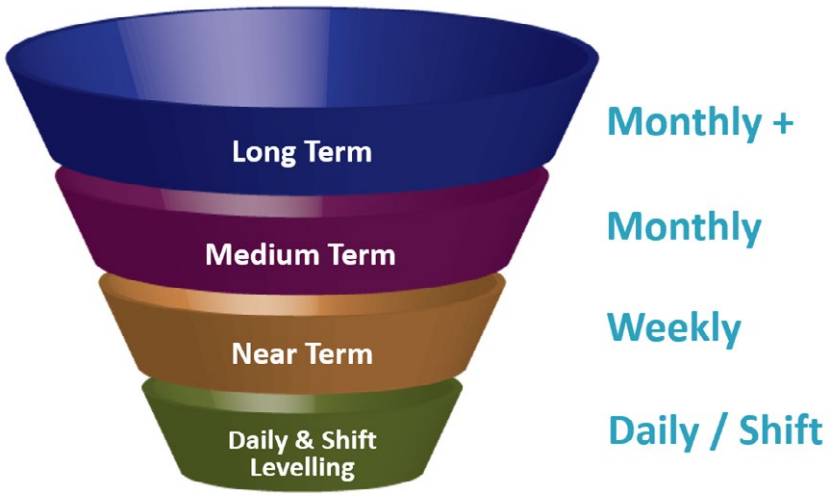
Organizations can choose between a “dual platform” or “replacement” strategy approach, mapping out the digital transformation journey accordingly, allowing companies to preserve previous investments and replace legacy systems wherever necessary. This results in significant reduction in IT expense and cost-of-ownership over time.



NETWORK-WIDE SIOP, CAPACITY PLANNING AND IMPACT ANALYSIS

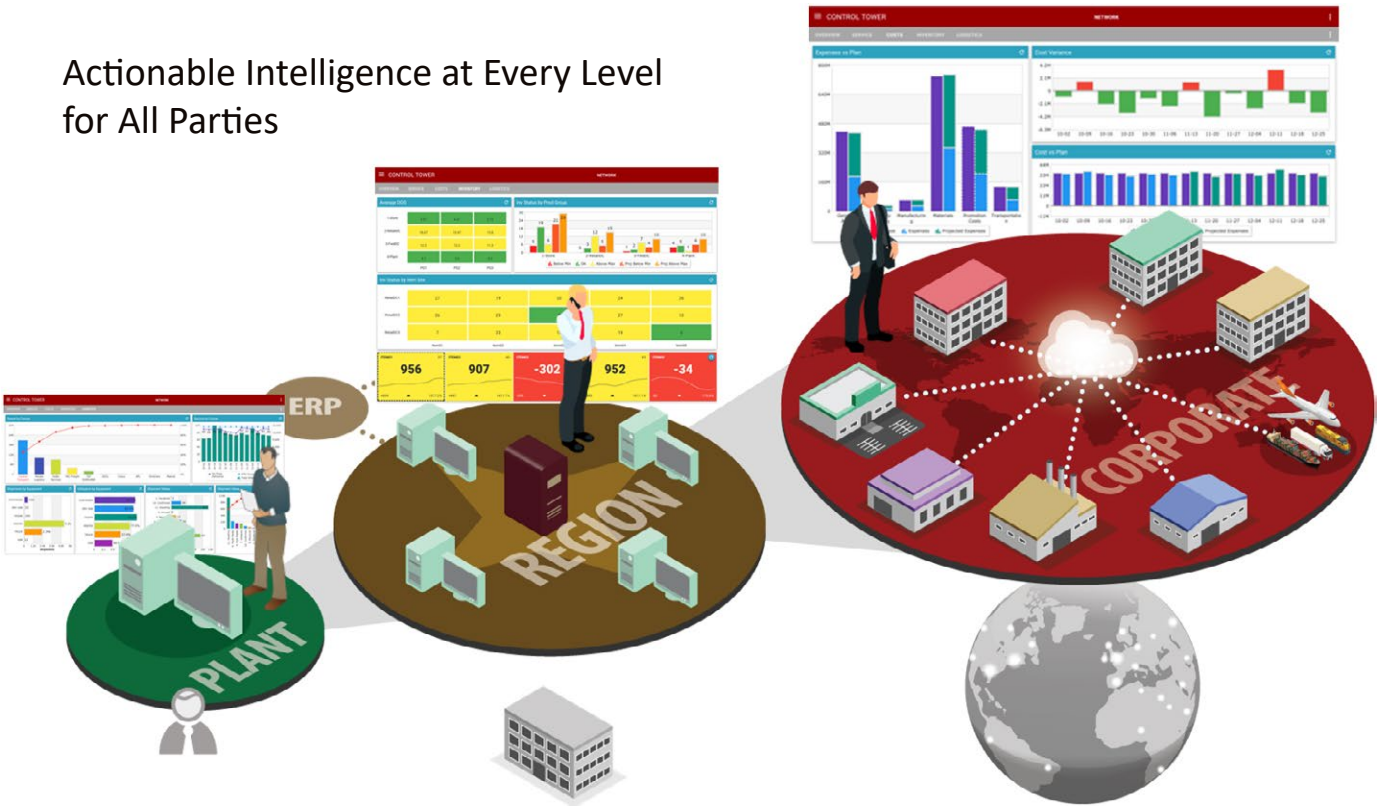
By leveraging this consolidated network view, One Network’s Control Tower solution can combine all the demand, supply, financial, and new product launch data into an integrated business view, across both internal and external data hubs. This helps organizations identify potential capacity bottlenecks when addressing a demand spike, introducing a new product, or launching a promotion.

Network-based capacity management can also be easily scaled to understand production capacity in any time frame and in a broad range of what-if scenarios.



GLOBAL POLICY MONITORING, ENFORCEMENT AND DEPLOYMENT

Large manufacturing organizations often struggle with monitoring inventory and procurement policies, as well as supplier preferences at every level of the organization. Deploying changes to these polices can be an even greater challenge. One Network's Control Tower solution aggregates data from plant to region, and from region to the corporate level, enabling visibility and actionability for the entire organization at the corporate level.



CAPACITY-DRIVEN ORDER MANAGEMENT, REPLENISHMENT & WEEKLY DEMAND LEVELLING

One Network's capacity-driven procurement (CDP) solution is a proven alternative to the demand-driven MRP system. It acquires materials to support a preset operating capacity based on the quantity that can be produced, the quantity that is expected to be sold, and related managerial policies.

As part of an integrated Control Tower strategy, the CDP solution can automatically suggest optimized production plans across a manufacturer's facilities and their respective systems of record, while also considering a supplier's ability to support and deliver the orders at the required frequency. More frequent demand levelling reduces demand spikes, improves predictability and eases capacity requirements. The more stable demand better equips suppliers to deliver as requested, avoiding distressed sales while reducing stock levels.

The One Network CDP module is also designed to accept input from each facility and supplier to proactively alert planners when to expect delays in supply or how to accommodate spikes or lulls in demand, helping to schedule their workforce and

machinery accordingly. It also schedules purchase orders based on predicted future orders and raw material market prices.

CENTRALIZED MULTI-PARTY CONTRACT MANAGEMENT

One Network's Control Tower solution not only centralizes contract management, but enables multi-party collaboration and workflows between buyers and sellers that support Requests for Quote (RFQ), defining financial terms and service levels, and executing chargebacks.
Community Procurement 2.0 is the industry's first many-to-many, multi-party procure-to-pay solution that allows companies to manage the entire order lifecycle process from order creation through invoicing and payment. Manufacturers can also implement a global supplier score-carding and contract enforcement system for direct material, indirect material and spare parts.

MULTI-PARTY BOMS DEMAND TRANSLATION, SYNCHRONIZATION AND MODELLING

By design, One Network's Control Tower solution allows manufacturers to implement a multi-level BOM that is distributed across the value network - a Network BOM. Automotive and industrial manufacturers increasingly require this capability. Leveraging a network BOM in conjunction with a community master data model and a reliable permissions framework allows manufacturers, suppliers and customers to collaborate more effectively.

The item mappings across the value network are harmonized and a single component can have different names in several locations within a BOM or within multiple disparate BOMs - saving hours of time and eliminating BOM discrepancies.

FULLY SERIALIZED COMPONENT TRACKING & CHAIN OF CUSTODY

Guided by its secure permissibility framework, ONE's Control Tower solution can fully represent every component of the finished vehicle or manufactured product in addition to all the components' associated historical transactional data over the course of its lifecycle. So, if recalls are needed, there is immediate visibility to specific impacted vehicles, the associate maintenance data, and the vehicle owners.

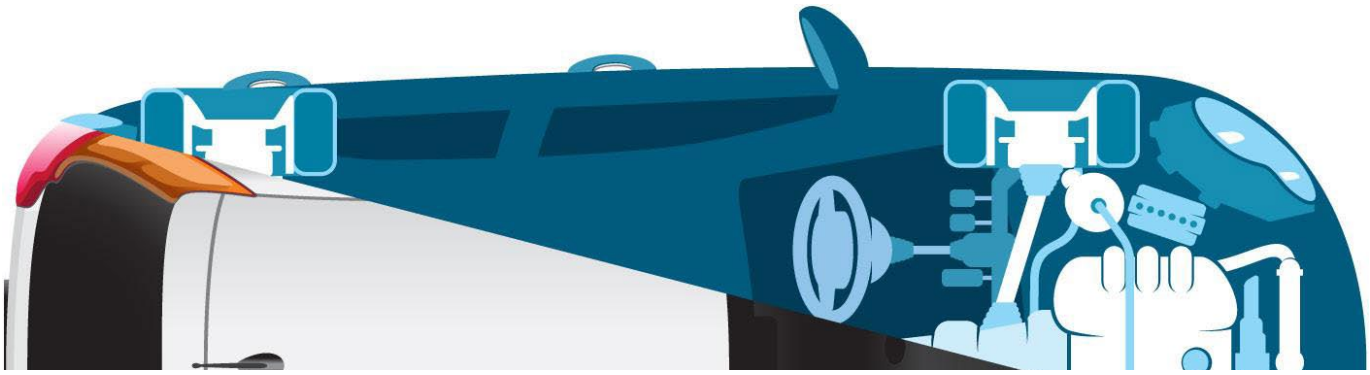
INTEGRATED TMS

One Network's Control Tower solution integrates global sourcing, materials management and logistics across inbound, outbound, international, domestic and cross-border transportation. This creates an unparalleled level of visibility for material and logistics planners who now have a consolidated view. This also eliminates the need for large teams to manually track shipments through emails and phone calls to logistics service providers.

One Network's industry-leading TMS includes global trade management, multi-modal and multi-leg shipment representation, global milestone management, alerting ,as well as 3PL and 4PL control points.

SUPPLY DEMAND MATCH

With an integrated view of supply, demand, production capacity and transportation across both internal manufacturing operations and suppliers, ONE's Control Tower solution can automatically aggregate demand across all facilities, and source materials and transportation based on a global view, drastically reducing international shipping costs.



Domestic Supply Demand Match allows organizations to dynamically plan and execute optimized milk runs based on real-time data, reducing or eliminating sub-optimized or expedited freight.

Furthermore, as an actionable Control Tower platform, ONE's solution comes equipped with a robust resolution workbench that not only provides visibility into supplier delays, transportation delays and shifts in demand, but can suggest and execute resolutions around the clock. For example, as the materials are in transit, and the demand across each facility changes, the materials can automatically be re-allocated to satisfy any changes upon arrival, reducing the risk of out-of-stocks or overstocking.

MULTI-TIERED OEM DEMAND TRANSLATION

To enhance the accuracy of the demand forecasting throughout the supply chain, the One Network demand translation mechanism translates and propagates OEM demand data throughout the supply network.

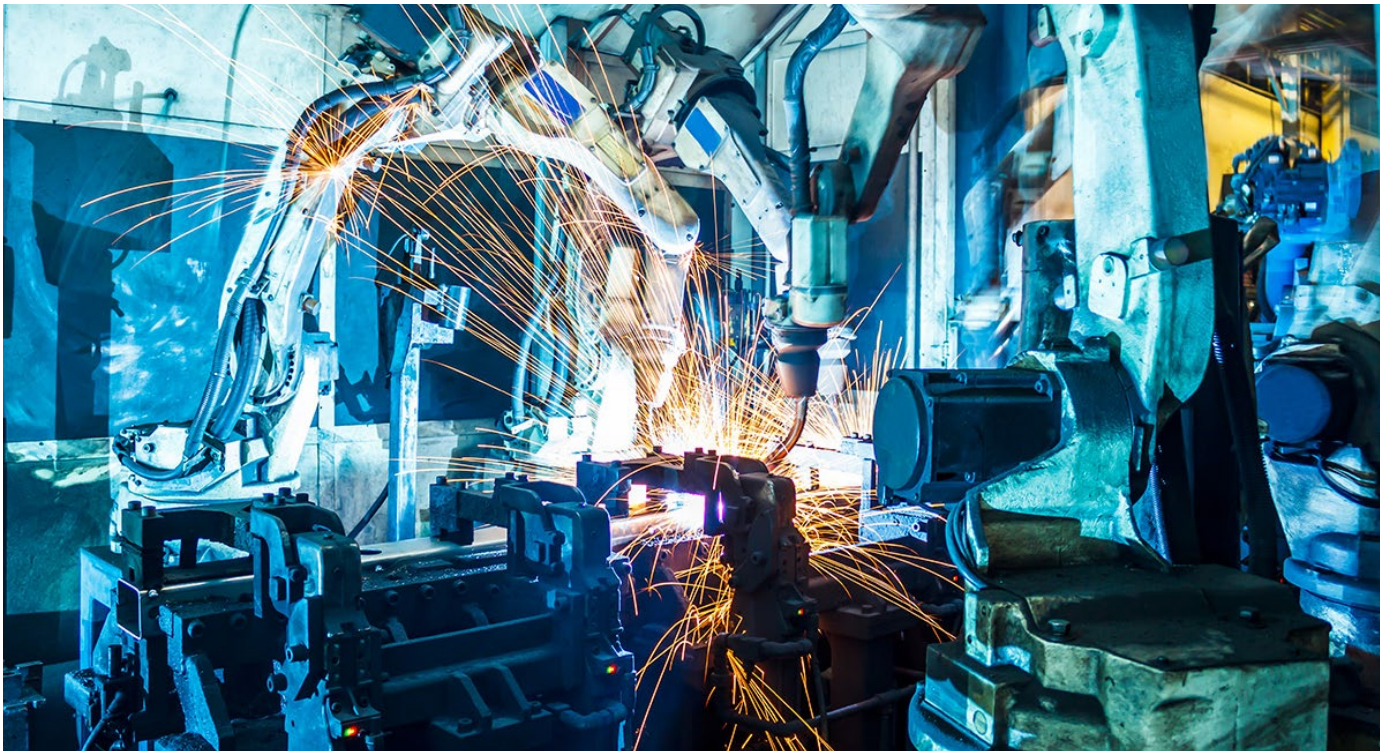
With a demand- and consumption-driven process in addition to the inventory policy, the platform can generate the optimized order forecasts and orders, which in turn can be converted to pre-ASNs and/or transport orders for logistics planning and optimization, which further reduces the potential expedite freight or premium freight in execution.

SELF-FUND YOUR DIGITAL TRANSFORMATION WITH RAPID RESULTS THROUGH AN AGILE IMPLEMENTATION

As businesses continuously adapt to a dynamic global environment, they are increasingly adopting cloud platform solutions that are, by design, flexible and powerful enough to take on future challenges.

With One Network, automotive and industrial manufacturers are already making the transition to a digital Control Tower platform. With ONE's global inbound supply management solution, manufacturers benefit from rock-solid harmonization and development tools coupled with industry leading autonomous applications.

A successful network-centric Control Tower strategy must leverage a cloud platform that is modular, enabling short step-by-step projects (similar to sprints in an agile development methodology) that are rapid, self-funding and low-risk, driving breakthrough results.



ABOUT ONE NETWORK

One Network is the intelligent business platform for autonomous supply chain management. Powered by NEO, One Network's machine learning and intelligent agent technology, this multi-party digital platform delivers rapid results at a fraction of the cost of legacy solutions. The platform includes modular, adaptable industry solutions for multi-party business that help companies lower costs, improve service levels and run more efficiently, with less waste. This SaaS and aPaaS platform enables leading global organizations to achieve dramatic supply chain network benefits and efficiencies across their ecosystem of business partners. One Network offers developer tools that allow organizations to design, build and run multi-party applications. Leading global organizations have joined One Network, helping to transform industries like Retail, Food Service, Consumer Goods, Automotive, Healthcare, Public Sector, Defense and Logistics. To date, more than 75,000 companies have joined One Network's Real Time Value Network™ (RTVN™). Headquartered in Dallas, One Network also has offices in Japan, Europe, and India. For more information, please visit www.onenetwork.com.

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