



The **EQM Automotive SCM Solution** is based on Microsoft Dynamics 365 Finance & SCM and encompasses order management, master planning, purchasing, inventory management and logistics, providing suppliers and OEMs with better control of their processes and end-to-end visibility across their value chain.

The solution has been developed from decades of experience in the Automotive industry, to support direct Tier-1 Supplier orgs that provide parts and equipment to the automobile manufacturers (OEMs), as well as the Tier-2 and Tier-3 component providers in the supply chain.



SUPPLIER MANAGEMENT

- ✓ Purchase Order Mgmt
- ✓ Inbound Logistics
- ✓ Supplier Performance Mgmt



PRODUCTION & OPERATIONS MANAGEMENT

- ✓ MRP, Production Scheduling & MES Tracking, including Subcontracting
- ✓ Inventory Mgmt, including Consignment
- ✓ Warehousing & Distribution



CUSTOMER MANAGEMENT

- ✓ Sales Order Mgmt & Customer Invoicing
- ✓ EDI & Change Order Mgmt
- ✓ Outbound Logistics



Across the Supply Chain:

- Material flows for subcontractor transfers, as well as internal flows from warehouse to shop floor need to be optimized and automated, while the system must be able to show real time information about stocks and production.
- Finished items need to be available at customer site just at the time when they have been requested, delivered in the agreed packaging and in the sequence as they have been ordered on the customer shipping schedules.
- Requirements received from customers are very dynamic and immediate, therefore they need to be processed in an automatic basis. There is no room for manual tasks that could lead to time delays and errors. It is necessary that the system has EDI integration capabilities and is able to provide purchase and production departments with a supply and production plan based on finite capacity, one that is based on a realistic picture of resources and materials.
- The system should also provide alerts across the entire process whenever a situation arises that the requested order dates will not be met.

End-to-End Traceability & Quality Tracking:

- All processes need to be audited by the Quality department, which produce planned Receiving Patterns for specific suppliers, and a series of Control Plans for specific production operations.
- The system must ensure that proper quality orders are managed across all check points defined in the control plan, as well as ensure the management of non-conformities at all stages of the materials flow: from the suppliers, to inventory and production, to the customers.
- In addition, a FMEA management system linked to production routings should also be available, to provide a list of corrective actions according to occurrence of the identified failures.