Avanade Supply Scheduling

Supply Scheduling provides the capability to collate and transmit material requirements to suppliers as a time-phased schedule of demand, rather than as a series of separate purchase orders. Using powerful two-way assured communication processes, suppliers have the capability to review and accept or modify details within the overall schedule. By extending the demand flow, this capability allows enterprises to collaborate with suppliers increasing efficiency and lowering inventory throughout the entire supply network.

Microsoft Dynamics Industry Solution for Lean Enterprises, part of the core functionality of the Microsoft Dynamics™ AX platform, delivers tremendous business value by operating in harmony with all other capabilities of the application.

- Effectively manage multiple schedule time horizons and commitment types
- Easily create, compare, and publish multiple versions of the supply schedule
- Supplier Portal allows vendors to change and confirm delivery schedules
Reduce inventory
Less safety stock is required when suppliers are enabled with demand flow information that allows them to improve their delivery performance.

More reliable supply
Demand visibility through exchange of forecast and schedule information gives suppliers the ability to be proactive and make quick adjustments to market changes.

Lower administrative cost
Eliminates the manual processing of individual purchase orders and automates receiving and payment transactions through an agreed upon schedule, release accounting, and self-billing.

Lower material costs
Some of the savings in administrative, material handling, and inventory carrying costs realized by suppliers can be passed on as lower prices for their products.

Improve order fill rates
Suppliers have the capability to review and accept or modify demand within the overall schedule. This includes giving the supplier the functionality to flag their ability to supply parts of an order. Real time alerts signal supply issues, so that alternatives can be found quickly in order to fulfill customer requirements.

Collaborate with suppliers, reduce inventory and eliminate waste

➤ Supply Scheduling Module
A Supply Schedule is an agreed supply plan between a company and a supplier. Flexible capabilities allow trading partners to agree on and setup supply rules and communication methods for their requirements. The intention of this schedule is to create a flow of supply, rather than managing through an intermittent series of discrete purchase orders.

To foster effective inter-company collaboration, planning schedules are usually segmented into multiple time/commitment horizons such as: Firm – 2 weeks (goods will be taken), Tentative – 2 weeks (raw material can be purchased) and Forecast – 6 weeks (providing an indication of forward demand over a given period).

Supply schedules are integrated with the planning and manufacturing stages of the supply chain and are designed to simplify material processing throughout the supply operations creating flow wherever possible. Supply Schedules can be used to either “Push” or “Pull” the production and dispatch process. Vendor Kanbans are used as the pull trigger for the fulfillment process.

➤ Supply Collaboration
Transmit requirements to suppliers electronically as a schedule of dates and quantities using email, EDI, XML or simple files with support for internationally recognized standards e.g. Odette, VDA and X12. Control the schedule receipts to automotive standards by managing the schedule and goods in transit by “last 3 deliveries” or cumulative quantities comparing incoming material against current schedule.

Collates total demand for each supplier into a supply schedule based on planned orders, placed in firm, tentative, and forecast periods. Buyer has full control of adjustments and release to each supplier. Automate supplier confirmation and/or modification to establish capability to supply. Action schedule receipts electronically and process against the schedule with exception visibility.

➤ Skip Lot Quality Control
To support and simplify the quality management of supply, the Supply Scheduling module incorporates a “Skip Lot” capability where inspections are scheduled after a specified number of receipts. If an inspection reveals defects, all subsequent receipts are subject to inspection until a qualifying number of receipts pass inspection.

About Avanade
Avanade is the leading technology integrator specializing in the Microsoft enterprise platform. Our people help customers around the world maximize their IT investment and create comprehensive solutions that drive business results. Additional information can be found at www.avanade.com.