

QAD SUPPLY VISUALIZATION



Supply Visualization provides real-time visibility of current purchase order and schedule demand.



The Inventory Time Phased Detail enables suppliers to see imbalances in demand and supply.

QAD Supply Visualization

QAD Supply Visualization (SV) promotes collaboration by providing your authorized suppliers with real-time visibility of inventory and purchasing transactions over the Internet. SV obtains information for inventory, purchase orders, supplier schedules, and receipts from a variety of ERP systems. Suppliers can load information for shipping forecasts and ASNs into SV and export information from SV to their external systems.

Purchasing Processes

QAD Supply Visualization supports direct materials purchasing processes that use purchase orders, supplier schedules (including PRO/PLUS supplier planning and shipping schedules), and VMI. The Kanban Visualization capabilities provide the visual equivalent of a kanban board, showing individual kanbans within a loop for internal and/or external suppliers.

Inventory Visibility, VMI, and Replenishment

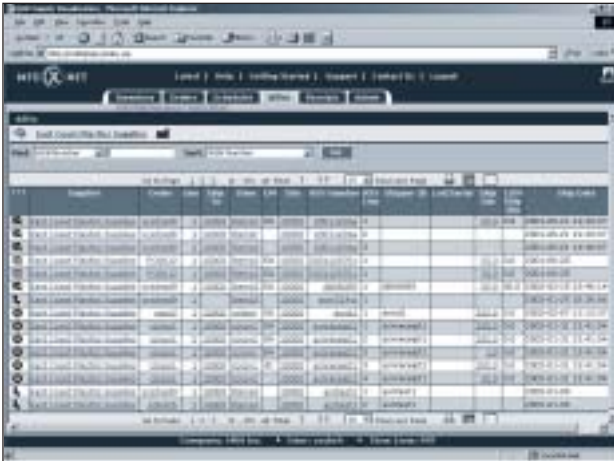
The Inventory Min/Max view is an intuitive, easy-to-read display that provides real-time access to inventory levels.

It enables your suppliers to respond more quickly and appropriately to changes in inventory and is key to implementing VMI.

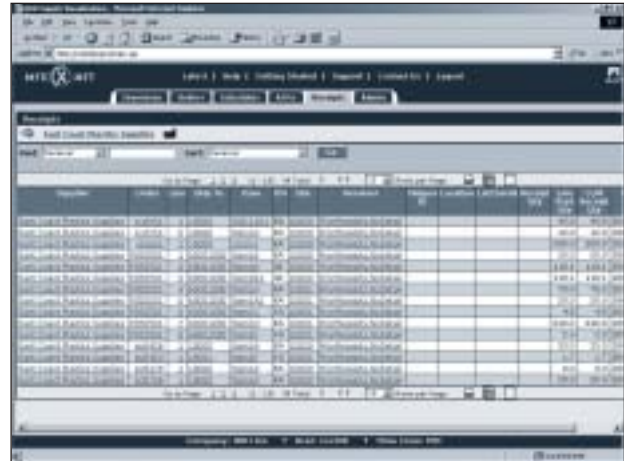
Real time inventory visibility also provides an extra safeguard when purchase orders and supplier schedules are used to manage the day-to-day replenishment of inventory. With the added visibility of inventory, suppliers can see and respond to critical changes in inventory, enabling them to ship goods within hours. This quick and critical response can occur with SV, even when there hasn't been time to run MRP — avoiding shortages, expediting, and premium freight charges.

Demand and Supply Collaboration

Supply Visualization provides suppliers with a complete picture of crucial demand and supply information, presented with the same kind of easy-to-use interface as the inventory information. Supply Visualization also provides information for orders, schedules, shipping forecasts (from the supplier), ASNs (for in-transit inventory), and receipts.



Advance shipment notices (ASNs) provide visibility of shipments/in-transit inventory.



Visibility of receipt transactions allows suppliers to see when shipments have arrived.

Both demand and supply are visible in the Time Phased Detail display, a view that lines up demand, supply, and expected variances over time, showing future over- and under-supply.

Collaborative Solution

Supply Visualization provides suppliers with features that connect their businesses to yours. There are multiple information output options that include printing, printing to PDF files, and exporting data to text files. When suppliers are EDI-enabled, SV automatically picks up the open PO shippers in MFG/PRO created from ASNs received by EDI, and brings them back into SV to provide visibility of in-transit shipments.

Suppliers that are not EDI-enabled can import their shipping forecasts and ASNs into SV. The data import files can be created easily using spreadsheet workbooks available in SV. ASNs can be exported automatically for import into an ERP database or into MFG/PRO using the EDI ECommerce Gateway.

ERP System Interoperability and XML

Supply Visualization uses a normalized XML interface to exchange data from ERP systems to the SV Web server. This allows SV to interface with any number of different ERP systems, while providing a unified, consistent, single point of entry for your suppliers.

For QAD MFG/PRO databases, SV automatically extracts the required data and packages it into XML files. It interoperates with MFG/PRO version 7.3 and higher, running on Progress or Oracle databases. With other ERP databases, SV picks up XML data files with data extracted from the ERP system, and transmits them over the Internet to the SV Web server.

Flexibility

Supply Visualization enables you to control the information that your suppliers can see and access. With this control, you can selectively rollout items to your suppliers and configure SV to display only the information you choose.



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QAD's global manufacturing expertise delivers value through collaborative commerce applications that empower enterprises to integrate diverse business processes and increase market share. Every working day, QAD software is used at more than 5,000 licensed sites in 86 countries.

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