



## QAD SUPPLIER PORTAL

### BENEFITS

**Reduce inventory investment without risking material shortages and down time**

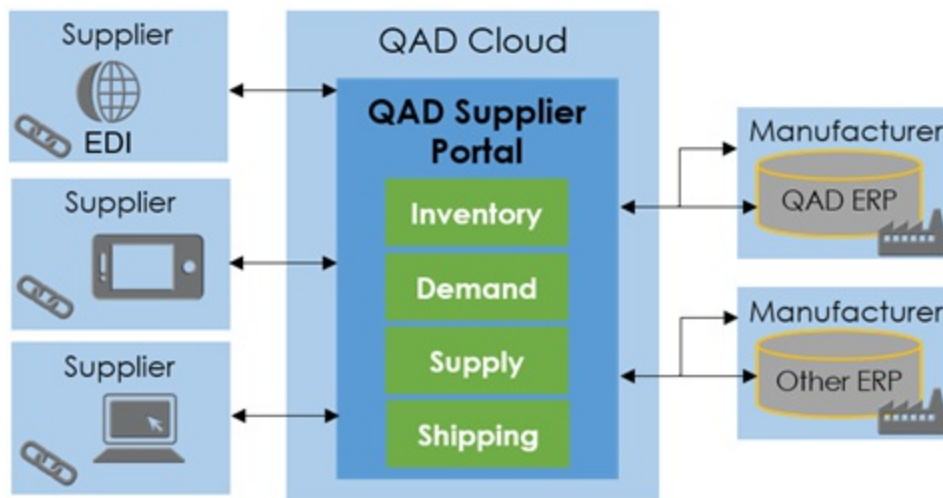
**Eliminate waste and reduce errors by replacing forms with electronic communication**

**Reduce expediting cost with real-time communication of demand**

**Reduce procurement costs with supplier self-service and alerts**

QAD Supplier Portal is an inventory visibility tool, provided on the QAD Cloud, that allows customers and their authorized suppliers to share information about inventory, scheduling, purchase orders, shipments, Kanbans, invoices, bills of material and more.

QAD Supplier Portal facilitates real-time communication across the supply chains by extracting key inventory and related data from applications and making it visible to suppliers via secure internet access. It provides more up-to-date information and is more reliable and easier to use than methods that depend on paper or e-mails.



Paperless collaboration allows suppliers to enter shipments and communicate electronically with customers. Data can be imported, exported and received with or without EDI. QAD Supplier Portal includes information that suppliers need for shipment processing, including the ability to enter ASNs and print bar code labels. When using QAD Cloud TMS and QAD Supplier Portal together, long-distance trading partners get visibility into the location of their shipments while they are en route to their destination, and receive alert messages on

milestones achieved or delayed shipments.

**Reduce inventory 20 to 35 percent**

**Buyer productivity improves 5 to 20 percent**

**Lower administrative costs 10 to 30 percent**

**Improve planner productivity 20 to 30 percent**

## QAD SUPPLIER PORTAL SOLUTION OVERVIEW

QAD Supplier Portal supports improvements in many key metrics by offering a collaborative, web-based solution that supports any procurement model – discrete purchase orders, supplier schedules, Kanban and VMI – including consignment and subcontract purchases.

You and your suppliers share real-time information about inventory, replenishment requirements, demand, shipments, and even invoices, with alerts for any issues that might affect production or product delivery. It includes track and trace functionality to provide visibility into incoming shipments.

Suppliers use self-service to acknowledge your orders, record shipments and create Advance Ship Notices (ASNs) and print barcoded labels. They can also generate draft invoices, making it easier to match shipments, receipts and invoices, and streamline the payment process.

Suppliers can review your requirements 24 hours a day, 7 days a week and can check shipment receipts and invoice status, cutting your administrative costs and reducing errors. Better visibility into demand also helps your suppliers plan more effectively and reduces their costs which they can pass on to you with lower prices.

**Provides supplier self-service** for invoices, bills of material, specifications and other types of documents.

**Allows suppliers to create ASNs and serialized bar code labels** without the need for EDI. ASNs include container information for receipt validation.

**Scans serialized container shipment labels** on receipt improves both accuracy and productivity, and validates against the supplier's ASN.

**Calculates and communicates supplier performance** metrics based on portal activities.

Integrates with QAD Cloud TMS to **track and trace long distance and overseas shipments**, with automatic alerts for delays.

Key capabilities of QAD Supplier Portal follow.

## Alerts

Planners start the day by seeing if there are issues requiring immediate attention. E-mail alerts from QAD Supplier Portal prompts them to investigate further. Using a minimum/maximum (Min/Max) display, the planner spots items below safety stock which are highlighted in red and listed first indicating urgency. All relevant supplementary information is at the planner's disposal to make the right decisions. Information includes quantity on hand, reorder parameters, planned deliveries, delivery history and complete supplier information.

### Min/Max Display

Supplier	Item	UOM	Site	MIN	QOH	Below MIN %	Consigned Qty	Order Point	QOH + In-Transit Qty	MAX	Replenishment Quantity	Next Delivery Qty	Next Delivery Date	Last Delivery Qty
Packaging Components Ltd.	90031	EA	10-200	2000.0	1894.0	95%	0.0	0.0	1894.0	100000.0	5000.0			
J&P Metalware Industries	62202	EA	10-200	1000.0	2294.0	229%	0.0	0.0	2294.0	10000.0	2000.0			
J&P Metalware Industries	62203	EA	10-200	1000.0	1000.0	100%	0.0	0.0	1000.0	10000.0	2000.0			
Packaging Components Ltd.	90101	EA	10-200	2000.0	2325.0	116%	0.0	0.0	2325.0	100000.0	97675.0			
Packaging Components Ltd.	90102	EA	10-200	1000.0	2325.0	233%	0.0	0.0	2325.0	100000.0	97675.0			

## Items

QAD Supplier Portal makes it easy to add items along with relevant Min/Max data and replenishment policies including VMI, discrete purchase orders, supplier schedules or Kanban. Select the method(s) that best suits the circumstances and objectives of your business and even use multiple You may also choose the replenishment calculation policy.

### Item Maintenance

Messages Inventory Orders Schedules ASNs TMS Receipts Invoices SQP RFQ Admin Help

Min/Max » Item Maintenance Supplier: (All)

Item Search

<b>Policy</b>	<b>Item Policy</b>	
Image	Item ID: 90031	Item Description: Generic Packaging
	Site: 10-200	Site Description: Automotive Mfg
	UM: EA	Item Display: Min/Max
	Replenishment Calculation Policy: Min/Max controlled replenishment	Schedule Replenishment Horizon: 0
	Min/Max Calculation Policy: Default	Maximum Quantity: 100000.0
	Minimum Quantity: 2000.0	Order Point Quantity: 0.0
	Order Point Calculation Policy: Default	Safety Stock Days: 0.0
	Demand Template: Q	<input type="checkbox"/> Set Manually
	Replenishment Quantity Rounding: Round up to non-zero order multiple	Suggested Replenishment Quantity: 5000.0
	Order Multiple Quantity: 1000.0	Order Lead Time: 0.0
	Fixed Ordering Interval: 0.0	

## Orders

Though QAD Supplier Portal supports a variety of procurement methods, the most common method is discrete purchase orders which is typically used for components and raw materials. Depending on your policies, you can also issue purchase orders for sub-contract and non-inventory items and for drop-shipments.

Messages Inventory Orders Schedules ASNs TMS Receipts Invoices SQP RFQ Admin Help

Orders Supplier: (All)

Data Filter Display Print Alerts

Status	PO Report	Supplier	Order	Line	Ship To	Item	UM	Site	Order Qty	Received Qty	In-Transit Qty	Due Date	Scheduled	Buyer
+		3&P Metalware Industries	P1010003	1	10-200	62202	EA	10-200	4000.0			2016-08-08		
+		3&P Metalware Industries	P1010003	2	10-200	62203	EA	10-200	4000.0			2016-08-08		
+		Packaging Components Ltd.	P1010004	1	10-200	90031	EA	10-200	10000.0			2016-08-08		
+		Packaging Components Ltd.	P1010004	2	10-200	90101	EA	10-200	10000.0			2016-08-08		
+		Packaging Components Ltd.	P1010004	3	10-200	90102	EA	10-200	10000.0			2016-08-08		
+		Sydney Copper Company	P1010005	1	10-200	62050	RL	10-200	5.0			2016-08-08		
+		Sydney Copper Company	P1010005	2	10-200	62060	M	10-200	200.0			2016-08-08		
+		Sydney Copper Company	PO081621	1	10-200	62250	LB	10-200	1000.0			2016-08-18		
+		Sydney Copper Company	PO091621	1	10-200	62250	LB	10-200	2000.0			2016-09-15		
+		Sydney Copper Company	PO101621	1	10-200	62250	LB	10-200	1000.0			2016-10-17		

## Orders

Whenever an order is released, it is sent to QAD Supplier Portal and optionally creates an alert for the supplier to acknowledge or re-acknowledge. Your planner can review open purchase orders to see the acknowledgement and shipment status, optionally using sort and filter options to select just the information wanted. For example, select just orders for a certain period, or by supplier or item. You might also filter orders due today to support the receiving dock by showing them their expected workload.

## Schedules

QAD Supplier Portal also displays Supplier Schedules – planning, ship and aggregate. It uses planning schedules to convey future forecast requirements to suppliers, regardless of the actual replenishment method. The schedule display is color coded with alerts for inventory below desired levels.

QAD Supplier Portal may provide you and your suppliers a potential saving on EDI costs: Typically, you will communicate schedules via EDI, but if a supplier does not have EDI everything is available in QAD Supplier Portal. Planner and suppliers have the same view of schedules on QAD Supplier Portal. They can see current required shipment releases together with projections of future requirements. Suppliers can download the entire schedule into a spreadsheet or generate reports or files in a format compatible with their planning system.

### Supplier Schedules

Schedule Type	Supplier	Order	Line	Ship To	Item	UM	Site	Release	Reference	Required Qty	Quantity Qualifier	Prior CUM Qty	CUM Qty	Prior Net Required Qty	Net Required Qty	Prior Cum Date	Sh
MR010	Eldon Motor Company	MR010	1	10-200	62201	EA	10-200	2		1000.0	F	0.0	1000.0	0.0	1000.0	2016-08-01	20
MR010	Eldon Motor Company	MR010	1	10-200	62201	EA	10-200	2		1000.0	F	0.0	2000.0	0.0	1000.0	2016-08-01	20
MR010	Eldon Motor Company	MR010	1	10-200	62201	EA	10-200	2		1000.0	F	0.0	3000.0	0.0	1000.0	2016-08-01	20
MR010	Eldon Motor Company	MR010	1	10-200	62201	EA	10-200	2		1000.0	F	0.0	4000.0	0.0	1000.0	2016-08-01	20
MR010	Eldon Motor Company	MR010	1	10-200	62201	EA	10-200	2		1000.0	F	0.0	5000.0	0.0	1000.0	2016-08-01	20
MR010	Eldon Motor Company	MR010	1	10-200	62201	EA	10-200	2		5000.0	P	0.0	10000.0	0.0	5000.0	2016-08-01	20
MR010	Eldon Motor Company	MR010	1	10-200	62201	EA	10-200	2		20000.0	P	0.0	30000.0	0.0	20000.0	2016-08-01	20
MR010	Eldon Motor Company	MR010	1	10-200	62201	EA	10-200	2		20000.0	P	0.0	50000.0	0.0	20000.0	2016-08-01	20
MR010	Eldon Motor Company	MR010	2	10-200	62221	EA	10-200	2		1500.0	F	0.0	1500.0	0.0	1500.0	2016-08-01	20
MR010	Eldon Motor Company	MR010	2	10-200	62221	EA	10-200	2		1500.0	F	0.0	3000.0	0.0	1500.0	2016-08-01	20

### Schedule Replenishment

An alternative way for you and your suppliers to look at schedule information on QAD Supplier Portal is through Schedule Replenishment, which shows a summary of future schedules over the upcoming period. Setup each Schedule Replenishment horizon by item – the horizon typically spans a few days or a week. Schedule Replenishment then shows how much product needs to be delivered in that period. The information may include any arrears/past due and/or over shipment quantities due to early shipments.

### Schedule Replenishment

Messages Inventory Orders Schedules ASNs TMS Receipts Invoices SQP RFQ Admin Help

Schedule Replenishment Supplier: (All)

Data Filter Display Print

Display 10 Rows <<First <Prev Next> Last>> [1 - 5 of 5] Sort Item

Schedule Type	Supplier	Order	Line	Ship To	Item	UM	Site	Release	Reference	Replenishment Quantity	Ship Date	Delivery Date	Arrears	Overshipments
✓	Eldon Motor Company	MR010	1	10-200	62201	EA	10-200	2		10000.0	2016-08-05	2016-08-05	4000.0	0.0
✓	Eldon Motor Company	MR010	2	10-200	62221	EA	10-200	2		4500.0	2016-08-08	2016-08-08	0.0	0.0
✓	HTZ Switch Company	MR011	1	10-100	62500	EA	10-200	1		3000.0	2016-08-07	2016-08-08	0.0	0.0
✓	HTZ Switch Company	MR011	2	10-100	62510	EA	10-200	1		3000.0	2016-08-07	2016-08-08	0.0	0.0
✓	HTZ Switch Company	MR012	1	10-100	62520	EA	10-200	1		1500.0	2016-08-07	2016-08-08	0.0	0.0

Display 10 Rows <<First <Prev Next> Last>> [1 - 5 of 5] Sort Item

Quantity Qualifier: \* All O F P

### Kanban

QAD Supplier Portal supports items managed using Kanban replenishment. These may be items supplied externally or internally between production lines, warehouses and across sites. The Kanban board graphically displays the status of Kanban controlled items along with all associated information including supplier, supermarket site, Kanban size, number of active Kanbans, quantity on hand, daily demand and more.

The information is color-coded: Green is the number of full Kanbans, blue represents in-transit and white represents empty Kanbans. A checkmark indicates the supplying source has acknowledged the refill requirement and a slash shows a Kanban is being held pending release of an accumulator. QAD Supplier Portal also provides Kanban Loop Detail which identifies information including whether the card is active or inactive, authorization date, the buyer/planner for the loop and color-coded status and card state.

### Kanban Board

Messages Inventory Orders Schedules ASNs TMS Receipts Invoices SQP RFQ Admin Help

Kanban Board Supplier: (All)

Data Filter Display Print Alerts

Display 10 Rows <<First <Prev 1 2 3 Next> Last>> [1 - 10 of 26]

Supplying Source	Source Type	Supplying Reference	Item ID	Step	Total Lead Time (DD:HH:MM:SS)	Fifo Qty In Process	Kanban Qty	Consigned Qty	Supermarket Site	Supermarket ID	Buyer/Planner	Card Type	Loop Status
10-201	Process	SUBA	52001	0	02:04:13:20	0	500.0		10-201	FAWIP		Replenish	2 [Green] [Blue] [White]
10-201	Process	SUBA	52002	0	02:04:13:20	0	1000.0		10-201	FAWIP		Replenish	8 [Green] [Blue] [White]
10-201	Process	SUBA	52003	0	02:02:41:40	0	1000.0		10-201	FAWIP		Replenish	0 [Green] [Blue] [White]
10-201	Process	SUBA	52004	0	02:05:45:00	0	1000.0		10-201	FAWIP		Replenish	0 [Green] [Blue] [White]
10-201	Process	SUBA	52005	0	02:08:48:20	0	1000.0		10-201	FAWIP		Replenish	0 [Green] [Blue] [White]
10-201	Inventory	RAW	62200	0	00:02:00:00	0	100.0		10-201	FAWIP		Replenish	1 [Green] [Blue] [White]
10-200	Inventory	FGI	02005	0	00:16:00:00	0	1000.0		10-201	FAWIP	2-01	Replenish	1 [Green] [Blue] [White]
10-201	Process	FA	02101	0	01:05:05:26	0	100.0		10-201	FGI		Replenish	1 [Green] [Blue] [White]
10-201	Process	FA	02102	0	01:04:12:47	0	100.0		10-201	FGI		Replenish	1 [Green] [Blue] [White]
10-201	Process	FA	02103	0	01:03:28:58	0	100.0		10-201	FGI		Replenish	1 [Green] [Blue] [White]

Display 10 Rows <<First <Prev 1 2 3 Next> Last>> [1 - 10 of 26]

### Advanced Shipping Notices (ASNs)

QAD Supplier Portal provides your planners with ASN-related alerts and the ability to view ASN information to make proactive decisions, reducing expediting. The ASN display shows the status of every shipment logged by your suppliers, with optional track and trace

information. Supplier ASNs, entered manually or uploaded electronically, record ship date and time, target delivery date and time and items shipped, along with container information, lot/serial numbers or Kanban numbers. The information may be imported into QAD Enterprise Applications or QAD [Cloud ERP](#). Customers may also integrate QAD Supplier Portal based ASN data with QAD TMS (transportation management system).

The screenshot shows the 'ASNs' view for a supplier. The interface includes a navigation bar with 'Messages', 'Inventory', 'Orders', 'Schedules', 'ASNs', 'TMS', 'Receipts', 'Invoices', 'SQP', 'RFQ', 'Admin', and 'Help'. Below the navigation bar, there are tabs for 'Data', 'Filter', 'Display', 'Print', and 'Alerts'. The main area displays a table with columns: Status, Supplier, Order, Line, Ship To, Item, UM, Site, ASN Number, ASN Line, Shipper ID, Lot/Serial, Ship Qty, CUM Ship Qty, and Ship Date. Two rows of data are visible, both for 'Sydney Copper Company'.

### ASNs

## Supplier Visibility

QAD Supplier Portal gives suppliers insight into your needs, including schedules, orders and Min/Max information – specific for each supplier. Each supplier has access to schedules that impact them directly, including the ability to review and acknowledge schedules. Each supplier sees their orders, including discrete and schedule orders, and Kanban loops that require their products and/or parts. They may acknowledge orders, can see inventory Min/Max information with issues indicated in red.

The screenshot shows the 'Schedules' view for a customer. The interface includes a navigation bar with 'Messages', 'Inventory', 'Orders', 'Schedules', 'ASNs', 'TMS', 'Receipts', 'Invoices', 'SQP', 'RFQ', 'Admin', and 'Help'. Below the navigation bar, there are tabs for 'Data', 'Filter', 'Display', 'Print', and 'Alerts'. The main area displays a table with columns: Schedule Type, Order, Line, Ship To, Item, UM, Site, Release, Reference, Required Qty, Prior CUM Qty, CUM Qty, Prior Net Required Qty, Net Required Qty, Prior Cum Date, Ship Date, Delivery Date, and Sched Date. Multiple rows of data are visible, all for 'MRO11'.

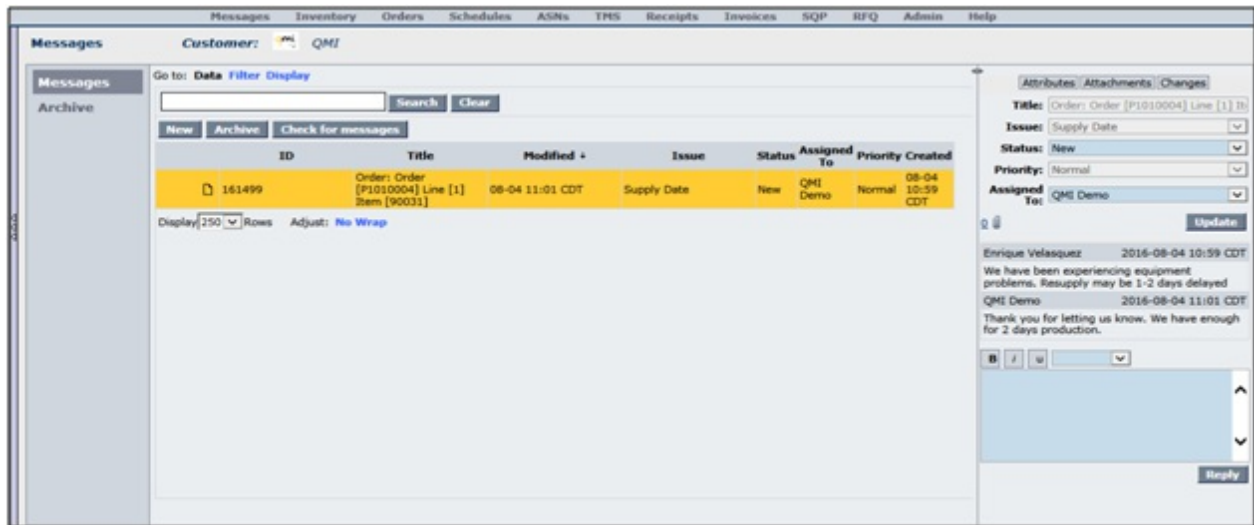
### Supplier Visibility - Schedules

## Collaborative Messaging with Suppliers

QAD Supplier Portal alerts you and your supplier when there is a potential situation such as the inability to fulfill an order. Your supplier can put a comment right into QAD Supplier

Portal making it immediately visible to all concerned. Collaborative messaging helps you and your suppliers communicate easily, no matter the time zone, offering a discussion forum and audit trail where message threads are assigned to users, associated with topics and organized by date and priority. For example, messages may be associated with orders. E-mail messaging is an option too.

### Messages



### Supplier Performance

QAD Supplier Portal helps [manufacturers](#) track, measure and improve supplier performance by providing information needed to communicate performance criteria and actual performance with suppliers. QAD Supplier Portal customers may configure templates for measuring the performance of suppliers. In addition to Min/Max and schedule information, the template may include default pass/fail scoring. The template includes a list of metrics that underlie the scoring, such as DIFOT, ASN Accuracy, Tolerance of Quality and many others.

### Supplier Performance Metrics



Indicator	Evaluated By	Weight (Nothing Left)	Positive/Negative	Min	Pass	Superiority	Max
<input checked="" type="checkbox"/> DIFOT	Percentage	50 %	Positive	0	~ 80.0	~ 95.0	~ 100
Description:		The Metric to evaluate the replenishment performance, it is the percentage that Delivery In-Full On Time, means that how often the customer gets what they want at the time they want it.					
Tolerance Of Time:		Before: 0 Day After: 0 Day					
Tolerance Of Quantity:		Shortage: 0.0 % Overship: 0.0 %					
Evaluate Formula:		Based on Delivery Lines The factor of the Metric result is based on all valid Delivery Lines.					
<input type="checkbox"/> DIFOT-POs	Percentage		Positive	0	~	~	~ 100
<input type="checkbox"/> DIFOT-Schedules	Percentage		Positive	0	~	~	~ 100
<input type="checkbox"/> Behind Schedule	Percentage		Negative	100	~	~	~ 0
<input checked="" type="checkbox"/> ASN Accuracy	Percentage	50 %	Positive	0	~ 50.0	~ 95.0	~ 100
Description:		The Metric to evaluate Shipping Performance by ASNs, let customer trace the implementation and full utilization of ASN from Supplier. It's the percentage of ASN Lines which is received with accurate quantity and delivered on time.					
Tolerance Of Quantity:		Shortage: 5.0 % Overship: 5.0 %					
Tolerance Of Time:		Before: 1 Day After: 1 Day					
<input type="checkbox"/> Times Exceeding Min/Max Levels	Percentage		Negative	100	~	~	~ 0
<input type="checkbox"/> Kanban On Time	Percentage		Positive	0	~	~	~ 100
<input type="checkbox"/> CUM Disagree	Percentage		Negative	100	~	~	~ 0
<input type="checkbox"/> Schedule Abs Value Difference	Percentage		Positive	0	~	~	~ 100
<input type="checkbox"/> Schedule Ship Date Performance	Percentage		Positive	0	~	~	~ 100
<input type="checkbox"/> Schedule SKI/IT in Item Commitment	Percentage		Positive	0	~	~	~ 100

With the template established, the next step is to setup each supplier and apply and customize applicable scoring metrics. Flexible history information, by supplier, metric, region and industry provides insight into individual supplier performance or at higher levels. When a supplier is falling short in an area - indicated by red - they may drill into the source of the problem and work collaboratively with you to make any necessary improvements.:

## SUMMARY

QAD Supplier Portal helps manufacturers better manage inventory and reduce costs through improved communication and collaboration with suppliers. It provides a single view of inventory and replenishment information for purchase orders, release schedules and Kanbans. It includes online and e-mail alerts and collaborative messaging. You and your suppliers work together to avoid supply disruptions, saving on expediting and expensive premium freight. Your planners become more productive, as do your suppliers, due to timely, efficient communication, better access to information and lower administrative overhead. Supply chain costs decrease as service levels improve.

For more information on how the QAD Supplier Portal can help your company, please contact QAD at +1-805-566-6100 or email [info@qad.com](mailto:info@qad.com).