

INTEGRATION REQUIREMENTS

Bi-Directional communication at key integration points minimizes duplicate data entry and maximizes the impact of Preactor's scheduling algorithms by consistently updating MRP information. The following data needs to be set up to maximize the value-added of Preactor in the QAD environment.

Manufacturing Set-up Data

- Departments
- Work Centers/Machines
- User Defined Secondary Constraints
- User Defined Product Attributes
- User Defined Operational Attributes

Manufacturing Status Info

- Partial or Full Completions by Work Order Operation as reported in QAD
- Completions by Repetitive Schedule as reported in QAD

Record Locking

Optional record locking indicates that a record is in use by Preactor and should not/cannot be updated during scheduling.

Update Frequency

Automated at user defined intervals and/or upon manual user request.

Product Specific Data

- Primary Routing
- Alternate Machine(s)
- Alternate Machine specific run times
- Product Structure (BOM)
- Scheduling Variables:
 - up to 9 product attributes / item
 - up to 9 operational attributes / item
 - up to 12 secondary constraints / item
 - changeover matrix by attribute or item

MRP/Planning Data

- MRP Pegging Information
- Scheduled PO Receipts
- Firm and Planned Work Orders

Inventory Information

Inventory information will be passed as read only from QAD to Preactor for scheduling use only, such as available inventory balances.

Scheduling Data

Updated Scheduling information will be passed from Preactor to QAD.

- Updated Work Order Release Dates
- Updated Work Order Due Dates
- Updated Order Quantities
- Updated Repetitive Schedules

Error Logs

Any errors encountered during a data load will be captured and available by report or email.

Audit Reports

Work Orders loaded from QAD compared to Work Orders loaded back to QAD from Preactor.

The *Preactor for QAD* integration will work with QAD Enterprise Applications® Standard Edition (SE) and Enterprise Edition (EE) as well as eB, eB2, eB2.1 and for earlier versions of MFG/PRO®.

WHAT ARE THE BENEFITS?

There are more than 100 case studies that illustrate how Preactor can help companies become both more competitive in their market and more successful in their sector. These quantifiable benefits have often provided a ROI measurable in weeks; some in just a few days. These benefits are proven to continue year after year.

- **15-20%** Improvement in productivity – get more from what you already have
- **40-50%** Reduction in raw materials inventory – synchronize purchasing with an achievable schedule
- **40-50%** Reduction in make-span time – reduce WIP that slows down production flow
- **50-90%** Improvement in customer service – increase on-time deliveries

CUSTOMIZATION

Preactor is world-renowned as the most customizable scheduling package available on the market.

Fields and data tables in its Microsoft SQL 2005 database can be added or changed. Unique sequencing rules can be created. Event driven communication scripts can be installed for tight integration with other systems across multiple sites. Its flexibility is unparalleled.

Preactor for QAD can be configured in a number of different ways. Often, users have a single master scheduling system that communicates with one or more Preactor Viewers, to share schedule information. Conversely, other companies employ multiple licenses across one or more departments, units or plants, with an automatic transfer of information from one system to another.

Preactor International has a network of partners and solution providers around the world, providing software implementation and support.

Preactor for QAD is available only through accredited Preactor partners.

CONTACT DETAILS

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3 OF OUR QAD CUSTOMER TESTIMONIALS

1 | OBERTO BRANDS

"We have been using Preactor for 18 months. The immediate benefit was that schedulers were elevated from busy at work and data management to "real production scheduling. The real payoff was in the 40% reduction of work-in-progress. This is a direct result of the bucketless scheduling available in Preactor, a feature not found in alternative solutions."

Eric Kapinos, Director of Forecasting & Planning

2 | WHATMAN INT.

"As soon as the Preactor systems went live the benefits were immediately apparent. For example, Preactor helped us to schedule production of grades of paper in the most time-efficient manner. This allows us to ensure the paper making machines are as spotless as possible for the purer grades before moving on to other grades. Doing the process the other way round naturally entails extra time spent cleaning the machines. Now, with Preactor, we can plan the order of production more efficiently."

John Mayger, Production Planning Manager

3 | VECTOR LLC

"Thanks to implementation of Preactor it has become possible to generate real and feasible production schedules, as well as a substantial time reduction in its preparation. Implementing Preactor has also enabled a reduction in process of about 50% and increased on-time deliveries from 40% to 80%. I cannot imagine getting such results without having implemented Preactor".

Leszek Kleinert, Planning Manager