

QAD Production Scheduler Release Notes

April 2009

These release notes include information about the latest QAD Production Scheduler fixes and changes. These changes may affect the way you implement and use QAD Production Scheduler.

Review this document before proceeding with any phase of a QAD Production Scheduler implementation.

QAD highly recommends that you implement the latest QAD Production Scheduler release available. Check the QAD Online Support Center to make sure you have the latest QAD Production Scheduler release notes, installation errata, installation guide, and installation media.

<http://support.qad.com>

Use the following list to find a specific release:

| | |
|--|-----------|
| <i>Release Notes for Current Release</i> | 2 |
| <i>Release Notes for Version 2.4</i> | 4 |
| <i>Release Notes for Version 2.3</i> | 6 |
| <i>Release Notes for Version 2.2</i> | 9 |
| <i>Release Notes for Version 2.1</i> | 11 |
| <i>Release Notes for Version 2.0.10</i> | 13 |
| <i>Release Notes for Version 2.0.9</i> | 14 |
| <i>Release Notes for Version 2.0.8</i> | 15 |

Release Notes for Current Release

QAD Production Scheduler Version: 2.5

Release Date: April 2009

MFG/PRO Compatibility: MFG/PRO eB (Service Pack 4+), eB2, and eB2.1; QAD 2007 and QAD 2007.1; QAD 2008 Standard Edition (SE) and Enterprise Edition (EE); QAD 2008.1 SE and EE; QAD 2009 EE

Note QAD Production Scheduler 2.5 requires Java 1.6. or higher. If you are using version 1.6.0_10 or higher, see “Java Installation” below.

Documentation: *User Guide: QAD Production Scheduler* (item 78-0751A); *Installation Guide: QAD Production Scheduler* (item 78-0752A)

These release notes describe the most significant changes and fixes introduced with this version of QAD Production Scheduler.

Version Support

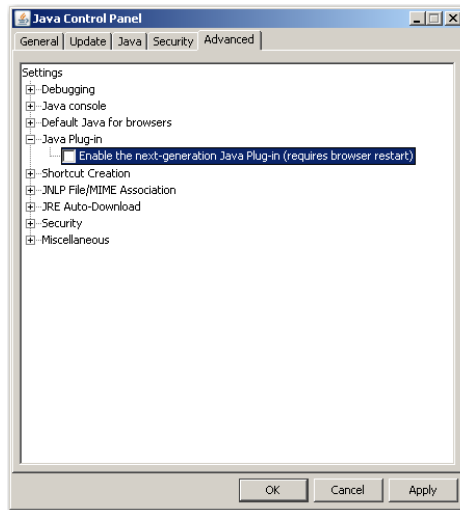
This release is compatible with QXtend version 1.6. The QXtend Version field in Configuration has been updated to add 1.6 as a valid value. If your ERP system supports an earlier version of QXtend (1.2, 1.4, or 1.5), this release of QAD Production Scheduler continues to be compatible with those earlier QXtend versions.

Java Installation

If you install Java 1.6.0_10 or higher, you must disable a default setting in the Java Control Panel before running QAD Production Scheduler for the first time. Otherwise, QPS displays null values.

Note This is a one-time process. Once the setting is disabled after the Java installation, no further action is required unless you upgrade Java again.

- 1 Go to Start|Control Panel|Java. The Java Control Panel displays.
- 2 Click on the Advanced tab and maximize the Java Plug-in item in the Settings list.
- 3 Clear the check box labeled “Enable the next-generation Java Plug-in (requires browser restart).”
- 4 Click OK.
- 5 If Internet Explorer is running, close the window. When you launch Internet Explorer again, the Java configuration setting will take effect.



Fixes

- 1 When you double-click a selected cell in the item list, Work Order Workbench now correctly highlights the order in the Work Order detail list with a due date matching the selected day. Previously, the system always highlighted the first order on the list. [CA700844]
- 2 A performance issue has been addressed in Repetitive Workbench. Previously, under some circumstances an extensive amount of time was required for the system to refresh the screen when you clicked the down arrow to view additional items. Now, under the same circumstances, subsequent screens display much more quickly. [CA668561]
- 3 The Excel output of the Reports function now correctly displays labels for the Attributes1 and Attributes2 columns. Previously, both were labeled Attribute1. [CA703510]
- 4 This release addresses the following issues related to log files:
 - The system no longer creates unnecessary zero-size log files. Background process log files created by autosynch, mansynch, and manexport are now named `autosynch.log`, `mansynch.log`, and `manexport.log`. In previous versions, the creation date was included as part of the filename. [CA708422]
 - Some log files associated with background processes now include additional information that can be useful in diagnosing problems. [CA708427]
 - `synch.site.mmddyy.log` now provides information about the process that updated the file—either automatic or manual with user ID.
 - `firm.site.mmddyy.log` now contains details, which are Site Line PLType and partID. It also includes a message indicating when the firming ended.
- 5 In the Configuration program, you can now enter a comma-separated list of security groups in the Scheduler Group and Administrative Group fields. Previously, if you attempted to enter more than one group, the system displayed an “invalid group” message. [CA719618]

Release Notes for Version 2.4

QAD Production Scheduler Version: 2.4

Release Date: September 2008

MFG/PRO Compatibility: MFG/PRO eB, eB2, and eB2.1; QAD 2008.1 Standard Edition (SE) and Enterprise Edition (EE).

Note QAD Production Scheduler 2.4 requires Java 1.6 or higher.

Documentation: *User Guide: QAD Production Scheduler* (item 78-0751A); *Installation Guide: QAD Production Scheduler* (item 78-0752A)

These release notes describe the most significant changes and fixes introduced with this version of QAD Production Scheduler.

QAD Production Scheduler in QAD .NET UI

You can now access QAD Production Scheduler through two new menu collections in the QAD .NET UI:

- Repetitive Scheduling
- Work Order Scheduling

Note You can continue to access other versions of QAD Production Scheduler via the existing Internet URL link.

If you do not have QAD Production Scheduler installed, the system displays an error message when you select the tab for it.

Removing the Error Message

Once you install QAD Production Scheduler, you should update the `plugin-menu.xml` file to remove the error message.

To do this, use the following procedure:

- 1 Open the `plugin-menu.xml` file in the directory:

```
<TomcatInstallDir>/webapps/qadhome/configurations/SysEnvName/menus/plugin-menu.xml
```

Where *SysEnvName* is the system environment name that you select when you log in to the QAD .NET UI.

- 2 In the file, locate the code for the Add On folder.
- 3 Locate the line that points to a `QPSUnavailable.html` page:

```
<ShellMenu key="addon" menuType="application" label="{AddOn}">
  <ShellMenuItem key="qps2" label="{QPS2}" image="Maint">
    <Command type="QAD.Commands.WebBrowserCommand">
      <!-- Parameter
value="http://server:port/path/qps.html?sid={sessionid}" type="System.Uri, System" /> -->
      <Parameter value="{HomeServer}/status/QPSUnavailable.html"
type="System.Uri, System" />
    </Command>
  </ShellMenuItem>
</ShellMenu>
```

- 4 Replace the bold line with an entry about your installed version of QAD Production Scheduler:

```
<Parameter value="http://server:port/path/QPS.html?sid=${sessionId}"
type="System.Uri, System" />
```

Note *Server: port/path* are specific to your implementation of the QAD Production Scheduler. For example: `http://coli23:80/michigan/plant15/QPS.html?sid=${sessionId}`

`QPS.html` is the main QAD Production Scheduler Web page, while the `sessionId` is determined by the system for each login session; therefore, these should not be changed.

Fixes

- 1 QAD Production Scheduler debugging messages regarding locked resources no longer display in the Webspeed server log.
- 2 The system no longer sets the work center production rate to 0 (zero) when you update aspects of a work order for the work center. Also, when you create a new work order and set a high production rate, the system no longer reformats the high value by adding commas or removing decimal places.
- 3 When using QAD Production Scheduler 2.4, new progress sessions no longer launch before the old sessions complete processing.
- 4 QAD Production Scheduler no longer displays duplicate items in the drop-down menu for the Resource Type field under the Report tab. Also, the system no longer generates a report when the Resource Type is set to Not Specified and the user selects Create Report.
- 5 The system no longer deletes the last digit of the due date once users enter a value in due date last digit and press an enter key.
- 6 Column labels are now translated into the correct user language when exporting data into Microsoft Excel through QAD Production Scheduler.
- 7 QAD Production Scheduler no longer hangs in the QAD .NET UI environment when you press Enter, the up/down arrow keys, or the shift key in the QAD Production Scheduler Work Order Workbench schedule grid fields or Work Order Details frame fields. Also, the system no longer displays JavaScript errors

Release Notes for Version 2.3

QAD Production Scheduler Version: 2.3

Release Date: April 2008

MFG/PRO Compatibility: MFG/PRO eB, eB2, and eB2.1; QAD Enterprise Applications 2007 (QAD 2007); QAD Enterprise Applications 2008, Standard and Enterprise Editions.

Note During the product life cycle, QAD changed the name of the former MFG/PRO eB2.1 product to QAD Enterprise Applications, Standard Edition. Individual releases are identified by year; subsequent releases within a year are identified by a decimal number—for example, QAD Enterprise Applications 2008.1, Standard Edition, would represent the second release during 2008. The Enterprise Edition of the product follows the same convention.

Updated Documentation: *User Guide: QAD Production Scheduler* (item 78-0751A); *Installation Guide: QAD Production Scheduler* (item 78-0752A)

Note *Technical Reference: QAD Production Scheduler* (item 78-0644D), which combined the installation and user information, has been replaced by these two separate guides.

These release notes describe the most significant changes and fixes introduced with this version of QAD Production Scheduler.

Version Support

- Beginning with this release, QAD Production Scheduler has been updated to support QAD Enterprise Applications 2008, Enterprise Edition.
- This release is compatible with QXtend version 1.5. The QXtend Version field in Configuration has been updated to allow 1.5 as a valid value, as well as 1.2 and 1.4.

New Feature

The synchronization process for repetitive schedules has been updated to make it more like the work order functionality. Previously, repetitive schedule updates made in Schedule Maintenance were not brought into QAD Production Scheduler, although the export process updated the ERP database with Repetitive Workbench changes. Now—just as in Work Order Workbench—synchronization functions allow repetitive schedule updates to flow in both directions.

Note This feature has a limitation that requires a workaround to get correct results under a specific set of circumstances: If scheduled quantities are entered into the ERP database beyond the QAD Production Scheduler firm days, those future scheduled quantities will not be seen in QAD Production Scheduler after synchronization. Only planned orders display in the future window. Note that this has no negative impact on either system. During export back to the ERP database, those future scheduled quantities remain intact; they are not overwritten by the values that display in the workbench.

To make these orders synchronize correctly in both systems, just make the Firm Days equal to the number of days you want to schedule in the ERP application. For example, if you schedule 60 days, then make the QAD Production Scheduler Firm Days = 60. This will ensure all scheduled quantities that exist in the ERP database are seen in QAD Production Scheduler.

Fixes

- 1 The application tabs at the top of the screen now display correctly after you select a resource. Previously, under some circumstances you had to use the scroll bar to bring the tabs back into view.
- 2 When you move a work order to an alternate resource in Work Order Workbench, the system now automatically displays it correctly. Previously, you were required to click Refresh to see the updated information in the Item Resources frame.
- 3 A workbench issue has been resolved that in some cases caused values to disappear from a supply grid cell when you pressed Tab.
- 4 When a user's idle session is terminated based on a time-out setting in User Option Maintenance (36.20.10.1), QAD Production Scheduler now displays a specific information message. Previously, only a general Web server error—generated by Progress WebSpeed—displayed.
- 5 Retry logic has been added to manage situations involving slow network connections or other potential connection problems. In these situations, the system attempts to connect 10 times before displaying an error message. Previously, if the system encountered such a problem, it displayed an error message immediately.
- 6 The Supply/Demand frame now updates data correctly when the user scrolls from one screenload of data to the next, and then back. Previously, for example, if you moved from a full screen of 10 items to the next item, then back to the first 10, information such as the forecast quantity did not always return to the correct values.
- 7 The two Run Seq fields in the Filters frame now work correctly. An issue introduced in version 2.2 caused all data to clear from the workbenches if you selected filter criteria.
- 8 The system now displays a QDoc is not supported message during export if the QXtend receiver does not have a valid QDoc supported by QAD Production Scheduler.
- 9 User group validation issues:
 - In version 2.2, pre-eB2.1 users could not access functions even if they were members of the groups specified in Configuration. This has been corrected.
 - Previously, in eB2.1 or later, the system only verified that the group was valid—not that the user was defined as a member. Now, the user must be member of the group specified in Configuration to access the associated functions.
 - Schedule Group and Admin Group are now validated against all the groups created in the database. Previously they were validated only against groups created for the user.
- 10 The Work Order Workbench synchronization process no longer overwrites changes to a firmed work order that has a due date older than the Historical Schedule Days setting in the site Configuration record.
- 11 Work Order Workbench no longer raises a Progress error when you access a workcenter that is not associated with any work orders.
- 12 The Supply/Demand frame of Work Order Workbench now displays the correct value of Sched Net Req Due when a synch is done for a partial work order receipt done using Work Order Receipt (16.11). Previously, that value was incorrect.
- 13 The synchronization routine has been corrected to update Work Order Workbench with items that have demand from gross requirements but no corresponding supply work order. Previously, in some cases the workbench displayed such items only after a work order had been created.

- 14 A Java issue has been resolved that previously caused the Apache error log to contain a number of unnecessary messages.

Release Notes for Version 2.2

QAD Production Scheduler Version: 2.2

Release Date: September 2007

MFG/PRO Compatibility: MFG/PRO eB, eB2, and eB2.1; QAD Enterprise Applications 2007 (QAD 2007)

Note Effective with Service Pack 5, MFG/PRO eB2.1 has been renamed QAD 2007. Release Notes references to MFG/PRO also apply to QAD 2007.

Updated Documentation: *Technical Reference: QAD Production Scheduler* (item 78-0644D)

These release notes describe the most significant changes and fixes introduced with this version of QAD Production Scheduler.

Installation Changes

- 1 During setup, the installation script now prompts for a default directory where processing logs are stored. Previously, the system set the default to *QAD Production SchedulerInstallDir/logs/QAD Production Scheduler*.
- 2 The latest version of QXtend, 1.4, supports QAD Production Scheduler. Following installation or upgrade, you must specify either 1.4 or 1.2 (for users with 1.2.1.4, 1.2.1.6, and so on) in the new QXtend Version field in the Configuration global settings record.

Fixes

- 1 During synchronization, the system no longer displays a Progress error that previously resulted when importing Inventory Master (in_mstr) records without corresponding Item Master (pt_mstr) records. Instead, it now skips those records.

Note This change has no negative impact on QAD Production Scheduler functionality. The skipped records represent an invalid data condition in MFG/PRO that can be caused when records are copied between databases.

- 2 Previously, the Firm Schedule Days value did not default correctly from the site Configuration record to Resource Maintenance. To simplify setup, that field has been removed from the Configuration user interface. Instead, enter the Firm Schedule Days value directly in Resource Maintenance. The default for new records is 5.
- 3 A new message displays under the following conditions:
 - Your system is configured to automatically run Net Change MRP after export.
 - Net Change MRP takes more than about 15 minutes to complete.

When this happens, the message informs you that you should not run manual synchronization until MRP completes.

Previously, QXtend would return a message stating that MRP had completed successfully, even when the function was still running.

- 4 The system no longer incorrectly prevents manual synchronization of a site in a secondary domain. Previously, under some circumstances, the workbench displayed a message that the site was locked by another process even when it was not. This resulted from the way the Server Synchronization (min) parameter was defined in the autosynchronization program, which interfered with manual synchronization. This has been fixed in the current release.

- 5 Repetitive Workbench no longer clears the value in the current schedule grid field when you press Tab or click on a different field. Previously, this sometimes happened—depending on the position of the cursor in the current field.
- 6 Log files generated on the Web server no longer display Progress errors after you run the Report program.
- 7 Workbench messages related to in-process synchronization events have been clarified to provide more information:
 - When the site is being synchronized manually, the message now includes the user ID of the person who initiated the synchronization process.
 - When synchronization takes place automatically based on Configuration settings, the message says that schedules for the site are being autosynchronized or autofirmed.

Previously, the message only said that the site was being synchronized by another process or user.

- 8 A WebSpeed issue that sometimes resulted in memory leaks has been fixed.
- 9 Some issues have been fixed related to the Scheduler Group and Administrative Group fields in the Configuration global settings record. For example, the system now allows correct login when an invalid group is specified. Previously under those circumstances, no frames displayed, and the system generated a Java exception error.
- 10 A new message has been added to clearly inform the user when workbench export fails because QXtend is not running. Previously, only a general export failure message displayed under those circumstances.
- 11 The `sleep` parameter for each background process—manual synchronization, manual export, autosynchronization, and autofirm—has been moved from the Progress executable (.p) to a shell script, `launchproc.sh`.

This allows system administrators to adjust the parameter without recompiling code.

When QAD Production Scheduler is running, the background processes “sleep” for the specified number of seconds, then “awaken” to see if processing is required. If so, it is performed, then the background process goes back to sleep—and the cycle repeats.

- 12 This release fixes some language-related issues:
 - In Japanese-language environments, users no longer lose data changes in the workbenches.
 - Multiple-language environments that include English and certain other languages (including Japanese and Chinese) now display the correct language for English users. Previously, in some cases saw the second language at login, rather than English.
- 13 Repetitive Workbench now verifies that all changes have been saved to the repository when you click Export. If they have not, the system prompts you to save. Previously, in some cases, the latest workbench changes were not always exported, or the system displayed an error saying that no schedules were available for export.
- 14 Previously, when you created a new order in Work Order Workbench and changed the resource before saving the new work order, the system sometimes created a duplicate, incorrect work order operation record when saving the new order.

That issue has been resolved in this release. However, the order may not display immediately in the Item Resources frame. Click Refresh after saving the order to have it display correctly. This issue will be fixed in a subsequent release of QAD Production Scheduler.

Release Notes for Version 2.1

QAD Production Scheduler Version: 2.1

Release Date: March 2007

MFG/PRO Compatibility: MFG/PRO eB, eB2, and eB2.1

Updated Documentation: *Technical Reference: QAD Production Scheduler* (item 78-0644C)

These release notes describe the most significant changes and fixes introduced with this version of QAD Production Scheduler.

Installation Changes

The installation chapter of *Technical Reference: QAD Production Scheduler* (item 78-0644C) has been revised as follows:

- It now includes updates that were previously delivered as errata.
- Additional information is provided related to updating schema when you upgrade from version 2.0.4 or earlier to the current release.

Application Changes

- 1 A new Initial Workbench field in Configuration lets you specify which workbench—Repetitive or Work Order—displays by default at login for users with appropriate access permission. Previously, Repetitive Workbench was always the starting point.
- 2 Work Order Workbench now validates the work order status before allowing changes to the BOM or routing. Those values can no longer be updated on orders with any status other than P, F, or B. This is consistent with MFG/PRO behavior.
- 3 In the Configuration screen, the maximum value of Historical Schedule Days has been increased from 30 to 150.
- 4 The system now displays a blank cell—rather than a 0 (zero)—for days when no quantity is scheduled in the workbench supply grid. This enhances usability by making days with scheduled quantities easier to see.

Fixes

- 1 The workbench days-of-the-week labels in non-English language versions are now translated. Previously, they always displayed in English.
- 2 Decimal numbers now display in one of two formats, depending on regional option settings on the client computer:
 - American: numbers use a period (.) for a decimal separator and a comma (,) to group large numbers; for example, 1,234,233.00.
 - European: numbers use a comma for a decimal separator and a period to group large numbers; for example, 1.234.233,00.

Previously, only the American format displayed, regardless of region.

- 3 In an environment that schedules both repetitive and work order resources, you can now have a production line and a work center with the same name. Previously, a production line resource did not display in the selection list if a work center with the same name was enabled.

- 4 The workbenches now sort items correctly by due date when quantities are updated. Previously, for example, if you made a quantity change on a past date, the logic for Due Date Ascending did not consider the updated quantity to re-sort the lines. You had to refresh the resource for the data to sort properly.
- 5 Red and yellow condition indicators now display consistently in the workbenches. Previously, you sometimes had to click on a cell to see the color indicator.
- 6 Synchronization performance has been improved in situations where a workbench is attempting to access sites from a domain that is no longer active. The synchronization process now checks the active status of the domain earlier in the logic so that it can disregard any sites from inactive domains.
- 7 Attribute filters now work correctly in the workbenches after a refresh. Previously, when items were selected based on one or both of the Run Seq values specified in item master data, subsequently clicking Refresh and reselecting an attribute caused a persistent “processing” message to display.
- 8 Available attribute filters now display in the correct alphanumeric sequence on the selection list. Previously, the sequence was based on the associated item number.
- 9 It is no longer necessary to click the browser Refresh button after logging in to QAD Production Scheduler. Previously, this was required on some platforms to clear a “page not found” error.
- 10 You can now assign a work order to a different resource in Work Order Workbench without creating a potentially confusing data display. Previously, under some circumstances, saving this type of change and then refreshing the workbench caused the quantity to be included on both the original and new resources.

Note This was a workbench display issue only. It did not have any impact on calculations, and the synchronization process corrected the display.

- 11 Planned orders are now correctly moved into the firm window of Repetitive Workbench when the auto-firm process runs. Previously, in some environments, if site records were locked during auto-firm processing, orders were not always firmed when the due date moved inside the firm window. Additionally, auto-firm now correctly manages sites in MFG/PRO eB2.1 multiple-domain environments. Previously, when the system first found a site record in a domain where it was only a connection record (rather than the primary site), it would not select planned orders at that site to be firmed.

Release Notes for Version 2.0.10

QAD Production Scheduler Version: 2.0.10

Release Date: December 2006

MFG/PRO Compatibility: MFG/PRO eB, eB2, and eB2.1

This release of QAD Production Scheduler 2.0 fixes a problem in the synchronization process.

A repetitive item might be set up more than once in MFG/PRO Production Line Maintenance (18.22.1.1) because of the need for multiple start dates. Previously, the synchronization process would incorrectly clear out any existing QAD Production Scheduler repetitive schedules for that item within the firm planning window. This has been corrected in version 2.0.10.

Release Notes for Version 2.0.9

QAD Production Scheduler Version: 2.0.9

Release Date: October 2006

MFG/PRO Compatibility: MFG/PRO eB, eB2, and eB2.1

This release of QAD Production Scheduler 2.0 includes fixes for the following issues reported in the previous version:

- The schema update file `QAD Production Scheduler.df` used to convert from earlier versions has been corrected. In the original file, some add statements were in the wrong sequence and led to data load errors during installation.
- QAD Production Scheduler programs have been updated to eliminate code dependencies with specific MFG/PRO service packs. Previously, users of some MFG/PRO versions experienced problems either at installation or during data export.
- Performance has been improved in the Repetitive synchronization process. The process now only brings in items with scheduled supply or demand—eliminating the overhead of bringing in items that do not need to be scheduled.

Note As a result, Repetitive Workbench no longer displays these items as it did in previous versions.

Release Notes for Version 2.0.8

QAD Production Scheduler Version: 2.0.8 (initial General Availability version of 2.0)

Release Date: August 2006

MFG/PRO Compatibility: MFG/PRO eB, eB2, and eB2.1

The release of QAD Production Scheduler 2.0 adds work order functionality to the repetitive scheduling features available in version 1.0. Additionally, it includes enhancements to some functions common to both types of scheduling. It also supports multi-tier installations and can be used with MFG/PRO Oracle databases.

Technical Reference: *QAD Production Scheduler* (item 78-0644B) includes up-to-date instructions for installing version 2.0 or updating your system from version 1.0 to version 2.0, as well as detailed information on using the new features. The technical reference for version 1.0 (item 78-0639A) is still available for users of that version.

- 1 **Work Order Workbench.** This new user interface lets you review and control work order schedules at the item-operation level. Overall, it is similar to the Repetitive Workbench: it lets you select a site and resource for scheduling, then it displays a variety of summary supply and demand data, as well as visual indicators to identify areas that require attention because of quantity-on-hand or production capacity issues. The number of days of scheduling data available in firm, historical, and future windows is determined by the same Configuration settings used by the Repetitive Workbench.

Additional work order-specific features let you:

- View and update work orders based on the due date for the work order routing operation associated with a selected work center/machine resource. The work order associates the resource with the site you are scheduling.
 - In the firm, historical, or future windows, view the total supply quantity represented by all work order operations due on each day in the planning horizon.
 - Double-click a daily supply cell to list all work orders for the item, with those due on the current day at the top of the list.
 - Update the work order quantity, status, due date, and various other related information for the work order itself, as well as work order operation detail records.
 - Depending on a new Configuration setting, either synchronize work order routing operation start and due dates with the work order release and due date, or use the MFG/PRO-calculated operation-level dates.
 - Create new work orders.
 - Review the effects of your changes before saving them: workbench capacity and projected quantity on hand values are recalculated in real time, and visual indicators are updated to show when issues would be resolved by saving the current changes.
 - View the daily supply quantity at different resources that can perform the same operation, and—based on this evaluation—move an order to a different resource.
 - Save your updates to the data repository.
 - Export your updates to modify existing MFG/PRO work orders, as well as create new ones in the MFG/PRO database.
 - Just as with the Repetitive Workbench, update QAD Production Scheduler with the latest MFG/PRO data using a Synchronize command.
- 2 **Configuration.** The Configuration function has been enhanced both to support work order scheduling and to improve general usability.

- When you select Global Settings (previously labeled Global Defaults), only a few fields are available for update. All other fields are site-specific. For example, this includes all “days” values.
 - New fields let you define optional values for assigning work order numbers to orders created in QAD Production Scheduler.
 - A new Schedule by Operation field controls whether work order operation start and due dates are based on the release and due dates for the work order itself, or based on MFG/PRO calculations.
 - New labels identify groups of fields that are specific to the repetitive or work order functionality.
 - The minimum valid value of the Historical Schedule Days field has been decreased from 5 to 1.
 - The Demand Days field label has been changed to Detail Days. Additionally, the maximum valid value has been increased to 90.
 - New fields let you specify version identifiers for the QXtend Inbound QDocs used to update MFG/PRO.
- 3 Resource Maintenance. A Type field has been added to this function, so that you can now select the type of resource you are enabling: Production Lines or Work Centers.
 - 4 Reports. You can now specify whether you want to generate a report based on production lines or on work centers. When you select Work Centers, the report output includes detailed information on the work order records in the data repository.
 - 5 Repetitive Workbench. Minor changes have been made to improve the usability of this function:
 - In the Filters frame, the labels Attribute 1 and Attribute 2 have been changed to Run Sequence 1 and Run Sequence 2 to match the corresponding fields in Item Master Maintenance (1.4.1) and Item-Site Planning Maintenance (1.4.17). Similar changes have been made in the item information area.
 - The Descending sort option for Due Date and Item is no longer available. You can still sort workbench lines by descending status severity, as well as ascending item number or due date.
 - The item information area now displays several additional fields from Item Master Maintenance or Item-Site Planning Maintenance: Unit of Measure, Order Policy, Order Period, Time Fence, Safety Time, Minimum Order, Order Multiple, Yield %, Cum Lead Time, Reorder Point, Buyer/Planner, Plan Orders, and MRP Required.
 - A bold vertical line has been added to the right of the last day in the firm planning window, dividing it from the future window.
 - 6 Log-in screen. The log-in screen has been updated to display the specific release version of the product at the bottom of the screen; for example, QAD Production Scheduler 2.0.6. Previously, the screen only identified the top-level release.
 - 7 QAD Production Scheduler can now be used with an MFG/PRO Oracle database.
 - 8 This release supports multi-tier installations.