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# JD Edwards World A9.2

## Introduction

Applications Unlimited, Oracle's acclaimed application software strategy, continues to deliver on Oracle's promise for JD Edwards World customers with the announcement of the next release of JD Edwards World, A9.2. Significant enhancements delivered in Release A9.2 continue to provide even greater business value, helping ensure compelling justification for continued investment in JD Edwards World as an important component of your organization's strategic business solution.

While customers in Project Based Industries are targeted with significant A9.2 enhancements, several of these enhancements are also applicable to any organizations that plan, build, lease, manage, and live in buildings. For example, even though your company may be primarily a manufacturer, you might also build and manage your own buildings. New "Project Based" A9.2 capabilities include:

- Pay When Paid
- World Purchase Card Management
- Labor Reclass
- Approvals Management for Purchasing
- Contract Billing enhancements

Release A9.2 also features various other exciting manufacturing, cross-industry, and technical enhancements to support efforts to streamline your operations. Significant enhancements included for Manufacturing and Distribution Industries:

- Orderless Processing
- Work Order Ledger
- Shop Floor Calendar

Across all industries, additional customer-requested enhancements include:

- Batch Ship Confirm
- Payroll History Adjustment Interim
- Address Book Consolidations
- Localizations
- EDI Trading Information
- Security Enhancements

Additional enhancements to JD Edwards World's web-enabled user interface have been bundled into the A9.2 release, including enhanced web performance, links to User Productivity Kit (UPK), enhanced double-byte capability, and connectivity to portal applications.

Increasingly with each release and update, JD Edwards World provides a platform to expand the capabilities of your JD Edwards World ERP solution. Release A9.2 provides:

- A new high-ROI license module – World Purchase Card Management
- Better Reporting and the ability to distribute information in multiple formats and media. The new JD Edwards World Electronic Document Distribution module enables streamlined internal report distribution and provides a gateway to Oracle Business Intelligence Publisher, enabling evolution of your JD Edwards World information to new levels of reporting

JD Edwards World Release A9.2 delivers greater ability to integrate to other products, including Oracle's many best-of-breed applications. This increased ability provides additional value to you by expanding support for best-practice business processes without the need to move from your JD Edwards World ERP platform. The following are included in Release A9.2:

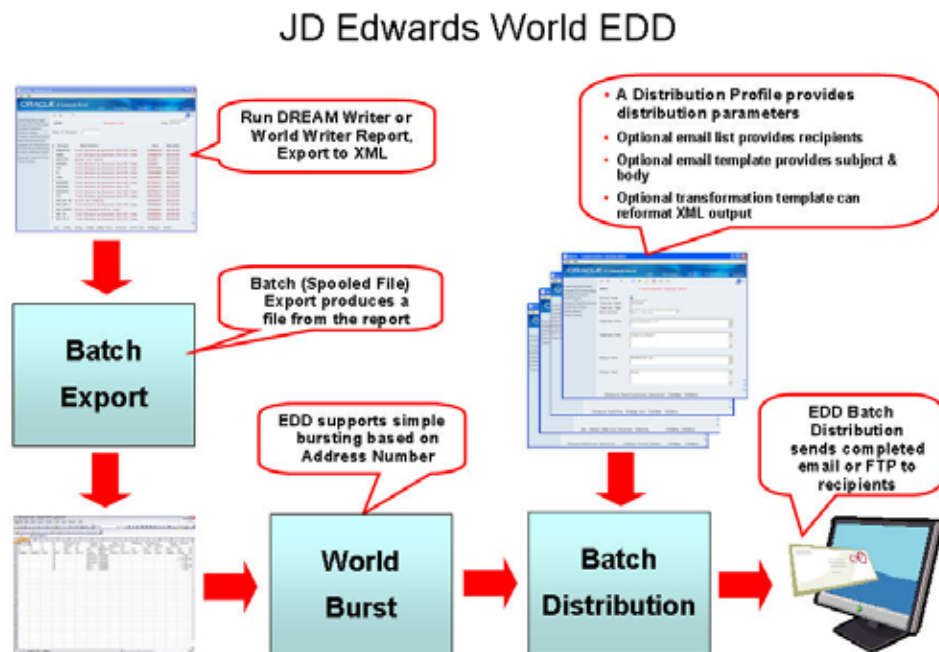
- Batch integration to Demantra Demand Planning (available separately in September 2008 and included in the A9.2 release)
- Enhancements to JD Edwards World Service Enablement infrastructure (SOA/AIA enablers)

JD Edwards World hopes you will enjoy reading details on these and other important A9.2 enhancements contained in the following pages.

# Technology Foundation

## World Electronic Document Distribution

Do you need an easier, more elegant method of distributing JD Edwards World reporting and screen information? Would you like to be able to internally distribute financial reports via e-mail or externally distribute critical information to customers or suppliers?



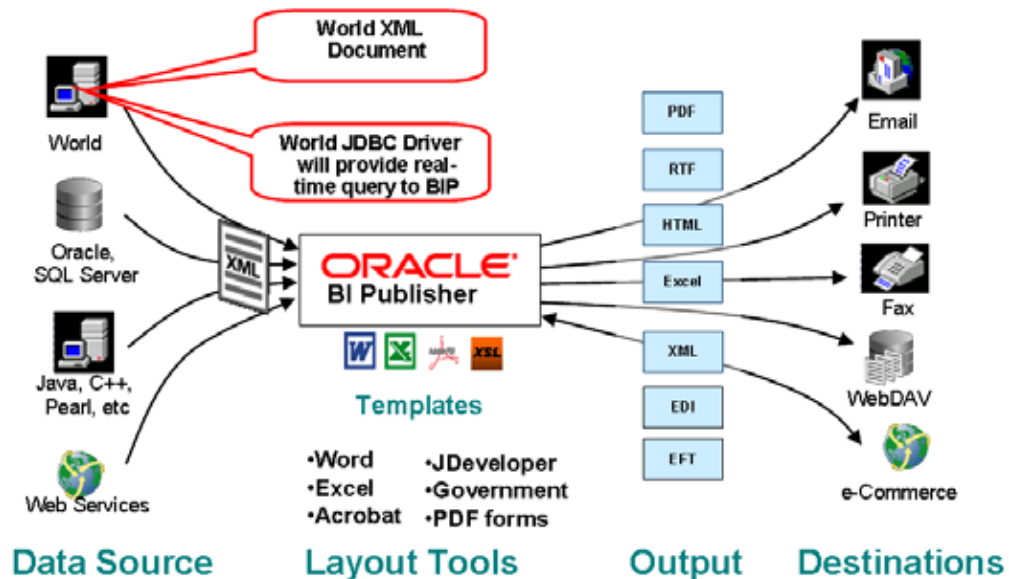
JD Edwards World Electronic Document Distribution is a new JD Edwards World foundation toolset to enable simplified yet powerful e-mail or FTP distribution of JD Edwards World documents. Origination can either be interactive or batch. The graphic above shows capabilities of batch report distribution. Primary capabilities include:

- Configuration of distribution profiles that can be attached to DREAM Writer or World Writer definitions or accessed by interactive applications for ad hoc e-mail transmissions
- Configuration of e-mail templates to be used by the distribution profile or as ad hoc interactive distributions
- Mailing lists, derived from Address Book Email/URL information, which can be attached to distribution profiles or accessed for on the fly e-mail and reporting distributions
- Simple report bursting capabilities (on Address Book Number as primary sort value in the report)

- Built upon the powerful capabilities of JD Edwards World Import/Export to provide a streamlined, automatic distribution of DREAM Writer or World Writer reports, or interactive inquiries in the same formats supported by Import/Export (XML, CSV, TXT)

## World BI Publisher Gateway

JD Edwards World Electronic Document Distribution also creates a streamlined integration gateway to Oracle's Business Intelligence Publisher (BIP) for creation and management of pixel-perfect formatted output and distribution through the array of possible output channels of BIP. Envision electronically formatting your organization's pre-printed documents, such as invoicing, acknowledgements, purchase orders, statements, and more – then being able to submit the DREAM Writer jobs and have your formatted documents automatically distributed in the preferred method selected by your business partners. All of this delivered and supported by a single solutions provider, Oracle.



## Web Enablement

### Web Enabled Interface

JD Edwards World has enhanced the World Web-Enabled Interface for A9.2. Available as Maintenance Pack 5 (MP5) the most notable enhancements are:

- Implementation of a new Seagull Software LegaSuite GUI (formerly J Walk) server, 4.1.C7 featuring improved performance and stability
- Links to Universal Productivity Kit (UPK) extend JD Edwards World interface capabilities by easily invoking context sensitive UPK training content, which can greatly reduce training time and errors that occur from lack of training

- Greatly reduced need for customization of LegaSuite GUI panels, using Dynamic Build and Dynamic Popups
- More comprehensive support for Double-Byte languages

## Z-File Redesign

The time-tested World Z-File process has undergone a major extension, with new processes designed to eliminate the issue of having two separate editing processes for one transaction set. The newly designed process uses the same interactive application to edit data entered through a keyboard as well as data flowing through the batch oriented Z-File process. This process enables more accurate editing of information flowing from two different sources and allows other JD Edwards World applications, such as World Web Services, to reuse JD Edwards World application logic and business rules. JD Edwards World continues to support the classic Z-File design while all new Z-File processes will be created using the new design.

## Service Enablement

Several projects are underway designed to strengthen the services that are already available through JD Edwards World A9.1, as well as adding capabilities in JD Edwards World Service Enablement.

Phase I, which will be available with the release of A9.2, eliminates the need for Seagull Software's Transidiom integration product to be present to utilize JD Edwards World Web Services. Instead, the newly designed Web Services use the newly designed Z-File processes to access JD Edwards World data. This yields a more robust service, less vulnerable to changes to JD Edwards World application screen layouts. The library of Web services has been expanded to include coverage of all Item information master files.

Phase II, forthcoming, will deliver a new class of notification services, which will generate outbound information when conditions within JD Edwards World data changes. This helps complete the cycle for those who want to communicate with external applications when JD Edwards World data is added, changed, or deleted.

## Approvals Management System

JD Edwards World Release A9.2 adds Purchase Order Processing to the Approvals Management system, which was introduced in A9.1. Purchase Order Approvals was the most requested approvals management enhancement by JD Edwards World customers. It enhances the existing purchase order (PO) approvals process by allowing approvals at both the PO detail line and header level.

Users can specify rules for the PO detail line and have a completely different set of rules for the PO header. Each rule allows multiple approvers and on multiple levels. Expedite functionality gives a user the ability to move a single line item through the process without having to get the entire PO approved first. The new expedite functionality allows for additional rules and approvers.

New e-mail templates increase usability by allowing users to tailor the information sent on the approval notification e-mail. New reports and a workbench provide

additional information to approvers and security administrators. A conversion program takes your existing purchase order approvals setup and moves it into the new purchase order approvals management configuration.

# Applications

## Financial Management

### Purchase Card Management – New licensed module

On average, it costs a company \$90.00 to pay for an invoice or service. If that same invoice or service is paid using a purchase card, the cost drops to about \$25.00, a savings of about 70% on each transaction.

Purchase Card Management enables these savings by providing a solution that integrates your bank's data with your back office systems. Purchase Card Management extends the functionality of your address book system by providing managers the ability to assign different purchase cards to different employees with different limits. For example, a field level manager might have authorization to use the card at any type of business with a substantial monthly/yearly limit. While a maintenance truck driver can only purchase fuel with the card.

To streamline the coding processes of purchase transaction, default general ledger accounts are assigned to the merchants. Employees only need to review and approve the transaction for processing through the system. Managers can review an employee's spending history online or in a report, spending trends by merchant, and monitor all transactions for a specific bank.

Automatic reconciliation of bank statements to daily or weekly downloaded transactions removes the manual step of data verification. Employees are able to purchase the items they need to do their job, without the delays associated with a normal purchase order.

## Security Enhancements

### FASTR Version Security

Now you have the ability to control what action an employee performs on specific FASTR forms. FASTR Form Security gives the security manager control over who can add, change, delete, and execute a FASTR report. If you are familiar with the existing World Writer form security then you know how easy it is to use. Just like World Writer Form Security, FASTR Form Security gives you the ability to create rules for an individual user, a user group, and \*PUBLIC.

If an auditor has a question about the security in place, you can run the FASTR Form security report. The Technical User Group listed this enhancement as one of their top five enhancement requests for JD Edwards World software.

## Inquiry Security

Action Code security has been enhanced to include Inquiry Security. Users can be prevented from performing any type of action in a program by turning inquiry on. If users are unable to inquire on records, then they are prevented from performing other function as well on the transaction.

## General Ledger

### Z-File Processing

Z-File processing has been created for the Account Master table. Z-file batch programs are designed to process the records in batch mode. The programs process the records using the same record creation process that currently exist in the item master and item branch programs.

### User Reserved Database

For more information about the User Reserved Database attached to the Account Master, Business Unit Master, and Company Master, see *User Reserved Database*.

## User Reserved Database

User Reserved Database (URD) has been expanded to include the following:

- Address Book
- Business Unit
- Company Master
- Account Master
- Fixed Asset Master
- Lease Master
- Job Master
- Contract Billing

The URD is contained within a single screen, but six additional fields were added:

- Three – Amounts fields (15 characters in length)
- Three – Description fields (2 - 20 characters in length and 1 - 40 characters in length)

The Vocabulary Overrides for each program are user-defined by program and type, in other words, each field can have a different description for every single type. When a user inquires on a type, the description attached to the input fields displays with meaningful titles. If a user inquires on a different type, the field descriptions change accordingly.

UDC values are also controlled by type. You can specify by URD type what values are allowed for UDC fields. Both enhancements increase the usability and data integrity of the URD programs.

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**Note:** Import/Export functionality is included with all URD programs.

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## Address Book

### Address Book Consolidation

The new Address Book Consolidation system allows you to combine duplicate address book numbers. The consolidation system processes over 360 JD Edwards World tables to replace address book numbers and combine amount totals. The system allows for the addition of custom tables into the process. The batch process is designed to run in the background, but should it need to be halted, the program keeps track of the tables processed and the action taken.

### Z-File Processing

Z-File processing has been created for the Address Book tables. Z-file batch programs are designed to process the records in batch mode. The programs process the records using the same record creation process that currently exist in the item master and item branch programs.

## Contract Billing

### Copy Contract

Customers set up many contracts depending on the project. Many of those contracts are similar to other contracts. Adding copy contract functionality improves the usability and accuracy of the process. Processing options allows managers to configure what fields are to be copied from each contract. Versioning allows managers to set up different copy rules for different types of contracts.

### User Reserved Database

For more information about the User Reserved Database attached to the Contract Master, see *User Reserved Database*.

## Accounts Payable

### Pay When Paid Processing

Pay When Paid functionality provides contractors a means to assist in maximizing cash flow by only allowing payments to vendors and suppliers of goods and services on a project when the contractor has received reimbursement for those goods and services from the owner (customers).

The Pay When Paid enhancement works for two type types of processing:

- Percent method
- Dollar method

When a contract is designated a pay when paid contract, part of the setup is to identify whether it is a dollar or percent method. Once a method is chosen and a limit identified, the Pay When Paid program compares customers' receipts to the contract voucher amount and determines if enough funds have been received. If enough funds have been received, the program releases the appropriate vouchers for payment.

## Fixed Assets

### Z-File Processing

Z-File processing has been created for the Fixed Asset master and balance tables. Z-file batch programs are designed to process the records in batch mode. The programs process the records using the same record creation process that currently exist in the item master and item branch programs.

### User Reserved Database

For more information about the User Reserved Database attached to the Fixed Asset Master, see *User Reserved Database*.

## Project Costing (Job Cost)

### Profit Recognition by Subledger

Project Costing now allows subledger posting for all ledger types. Users can define what ledger types need detail transaction-posting data at the subledger level.

To calculate Profit Recognition at the Subledger level, all Job Cost programs that calculate and/or update Projected Finals writes the Projected Finals ledger types (HA/HU, FA/FU, IA/IU) at the subledger/type level.

## User Reserved Database

For more information about the User Reserved Database attached to the Fixed Asset Master, see *User Reserved Database*.

## Property Management

### User Reserved Database

For more information about the User Reserved Database attached to the Fixed Asset Master, see *User Reserved Database*.

## Human Capital Management

### Payroll

#### History Adjustment Interim

The History Adjustment Interim provides an additional method for making adjustments or corrections to payroll history balances. Primarily, this enhancement addresses types of payroll history corrections that cannot feasibly be corrected through normal payroll processing.

#### Payroll Adjustments and Corrections

Currently, payroll adjustments and corrections can be done in a variety of ways, including through time entry, interim checks, and through other normal payroll processes. In some cases, payroll history balances can be adjusted manually through a Revise History Files option. The method used to correct payroll history depends on the specific situation.

#### Example: Correcting History after Incorrect Setup

In this example, an employee was set up with the incorrect work state. This setup error has gone unnoticed for several payrolls, and wages and taxes were calculated for the incorrect work state.

This correction could be made with some limitations, through an interim check that includes reversing entries for the incorrect state and correcting entries for the correct state. Additionally, the user could directly update history balance information using the appropriate Revise History Files programs. Depending on the specific amounts that need adjustment, the user might need to use a combination of correction methods.

## New Functionality

The History Adjustment Interim is a modified version of Interim Check Entry. The History Adjustment Interim incorporates the following features:

- In addition to the existing Tax Override fields, two additional fields have been added, Excludable Amount and In Excess Amount. These fields allow you to enter corrections for all tax related fields, including corrections that have wages that are in excess of a tax limit or excluded from a tax

These two new fields are particularly important when the adjustment includes negative amounts. Because the Vertex tax system does not calculate tax amounts when wages are negative, these fields could not be adjusted through normal processes and would need to be adjusted through Revise History Files

- Vertex tax calculations are bypassed. Only the override amounts that you enter for the History Adjustment Interim are updated to history. Therefore, you can enter only the adjustment amounts that you need and you do not need to override any other amounts that would be automatically calculated by Vertex

However, remember that the payroll system has certain controls to ensure data integrity. For taxes that have an employee and employer portion, the system automatically creates the matching override for the employer portion of the tax based on what you enter for the employee portion. Refer to the program helps for more information

- History Adjustment Interims are uniquely identified with Interim Check Status equal to H. The adjustment interim check provides the audit trail of corrections made, and those checks are easy to identify in the employee's history

## Labor Reclass Processing

Labor Reclass Processing allows you to reclassify specific elements of timecards that have already been processed to history. Rather than entering reversing and correcting timecards in time entry and processing them through payroll, you can use Labor Reclass to correct the original timecard and then to create the correcting journal entries. In addition, the reclass process automatically reclassifies the burden detail associated with a timecard.

## New Functionality

Labor Reclass Processing includes the following features:

- Reclass the various types of timecards—labor only, recharge only, or labor and recharge
- Reclass a timecard's account information (business unit, object account, subsidiary, and subledger) as well as other fields such as worker's compensation code and equipment information
- Prohibit change to certain fields, such as business unit and object account
- If the reclass affects the original flat burden or worker's compensation calculations, choose whether to recalculate those amounts

- Automatic reclassification of Burden Detail based on the timecard's reclassification, using the payroll Automatic Accounting Instructions to derive new account information
- Reclassify a timecard in full or partially, or split the timecard into multiple reclassifications
- Perform a Mass Reclass to reclassify all selected timecards in the same way
- Review reclass selections online or via report prior to submitting the reclass for processing
- Use standard journal function to review and post journal batches created by the reclass
- Ties to Service/Contract Billing to prevent duplicate reclassifications and to alert billing when payroll reclassifications have occurred

Prior to Release A9.2, the ability to reclassify payroll timecards was available through Transaction Reclassification, accessed via various general ledger inquiry programs. The Transaction Reclassification program includes less functionality than the new Labor Reclass program; however, customers can still use it to reclassify timecard transactions.

### Contract Calendars

Many public service organizations, such as schools and public safety agencies, work under contracts that specify the number of days employees work. Contract calendars specify the contract dates and are attached to employees to calculate employee's pay information.

### New Functionality

Several enhancements to contract calendars provide additional functionality and greater flexibility for public service organizations. Enhancements to contract calendars include:

- The ability to assign contract calendars to employees with an hourly pay class
- Automated calculation of the periods remaining to pay when attaching a calendar to an employee
- The ability to globally attach calendars to employees for the first time
- The ability to assign calendar days a value to the 100ths position, such as 1.25
- An enhanced employee contract calendar set up program that provides additional information about the employee and simplifies the set up process

## Human Resources

### Import/Export for Wage & Salary Administration

Wage & Salary Administration allows you to calculate salary increases for selected employees, perform “what if” modeling, and when ready, to update salary changes to employee records. With the addition of Import/Export functionality, you can now send the salary model to an external application, such as MS Excel, to perform additional calculations or to facilitate review processes. Alternatively, you can begin the modeling process in MS Excel and then import it into Wage & Salary Administration for eventual automatic update to employee records.

## Distribution Enhancements

### Inventory Management

#### Z-File processing

Z-File processing has been created for the item master, item branch, item location, item cost, and item price. The Z-file batch programs are designed to process the records in batch mode. The programs process the records using the same record creation process that currently exist in the item master and item branch programs.

### Procurement Management

#### Purchaser Order Approvals

For more information about Purchase approvals enhancements, see *Approvals Management*.

#### EDI User-Defined Data

In A9.1, user reserved data files were added for Address Book, Business Unit, and Company. Adding user reserved data files to Sales Orders, Purchase Orders, and the related transaction files in EDI, allows EDI clients to:

- Use the user reserved data files to store and use trading partner-specific data
- Expand significantly the number of fields available for customization
- Eliminate the need for clients to create their own custom tag files
- Could resolve the dilemma of deciding which specific fields to add to our Sales Order and Purchase Order files by allowing the clients to use the fields for whatever purposes they require

The new World Data Distribution (WDD) functionality developed for Release A9.2, offers an opportunity to enhance our inbound EDI processing by automating the communication of errors to trading partners. As of Release A9.1, this process is completely manual.

For example, after processing inbound invoices being matched to receipts, handling the errors requires the user to manually inspect the error report, decipher which invoices are in error and the source of the error, and then figure out which trading partner has sent the invoice. The trading partner then has to be contacted. If contacted by e-mail, the text has to be manually composed and sent. WDD allows the complete automation of this entire process. When the EDI program issues an error, it can also automatically generate an e-mail to the trading partner informing them of the error and asking them to correct and resend the transaction.

## Sales Order Management

### Batch Ship Confirm

Automating an additional manual step in the entire order to cash process increases efficiency and accuracy, Batch Ship Confirmation confirms multiple shipments at one time.

The Batch Order Confirmation process is a way of executing the Order Confirmation program (P4205) in batch mode. The based file is the sales detail file (F4211). Typically, the data selection is based on the next status defined in the order activity rules for shipment confirmation. The Batch Order Confirmation process saves time because selected sales detail records are automatically confirmed without the need of a user to inquire upon and confirm using the screen.

The Batch Order Confirmation process can be run in either proof mode or final mode. Usually, the process is first executed in proof mode. Any errors detected in proof mode are fixed and the process is executed again. When the process is run in proof mode with no errors, the process is executed one more time in final mode, which performs file updates and advances the status codes.

Batch Shipment Confirmation is one step in the sequence of processing steps for sales orders. The following is a normal sales order processing sequence:

- Enter Sales Orders
- Print Pick Slips
- Shipment Confirmation (either online or batch)
- Print Invoices
- Print Invoice Journal
- Print G/L Sales Recap
- Update A/R and G/L

Batch Shipment Confirmation can be run at the end of the day to confirm all shipments based upon the next status code for eligible sales order detail records.

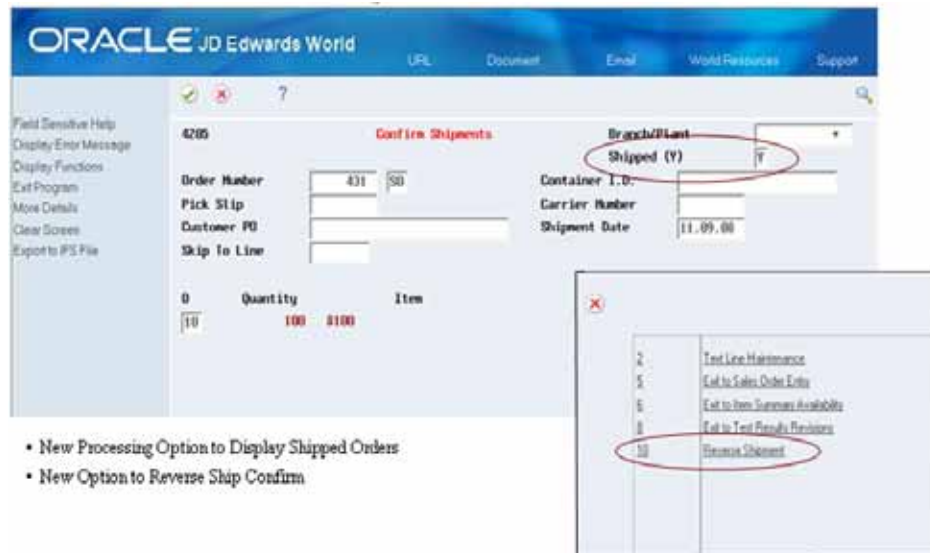
## Reverse Ship Confirm

Release A9.2 provides a simple, effective method to reverse a Ship Confirmation transaction.

The Ship Confirmation program (P4205) was enhanced with the addition of a selection option exit to reverse a shipped sales order record.

The reversal performs the following three actions:

- Adjust the on-hand availability quantity
- Blank the shipped flag
- Adjust the status codes to reflect the reversal



- New Processing Option to Display Shipped Orders
- New Option to Reverse Ship Confirm

## Credit Orders from History Enhancements

To improve usability and streamline the Credit Order process, the Sales Ledger Inquiry program was enhanced.

- A new selection option was added to allow users to select specific lines to be included on a credit memo
- Users must first inquire into information for the order and display the sales order information to generate a credit memo
- Use the Skip To Line Number field to advance to specific lines and select them for the Credit Memo
- To select an entire sales order to generate a Credit Memo, advance to any line from the order and enter 6 in the Option field
- To select specific lines to be on the Credit Memo, advance to each line and enter 7 in the Option field

With this option, only those lines selected are used to generate the Credit Memo. Press Enter and the system retrieves the detail for the order and takes you to a new screen. If you used option 6, all of the lines on that order are displayed for your review and selection when you create the Credit Memo. If you used option 7 to select specific lines, only those lines selected are displayed.

## Sales Repost Enhancements

### Option to not Update Audit Information

Users have long been interested in selecting Item/Location records for purging, based on the last transaction against the location. The dilemma being that the Sales Order Repost program always updates the audit information in the Item/Location file F41021. While reposting can be done every day, the Last Update Date cannot be used for data selection in the purge program. Release A9.2 resolves this issue by adding a new processing option to control whether the Date & Time Audit fields are updated. Sales Repost updates the Item Location (F41021) record.

#### Audit Fields

Enter 1 to skip updating the date and time audit fields (Date Updated, Time of Day) on the Item Location file (F41021). If left blank, Date Updated & Time of Day are updated whenever the item commitment fields are updated.

#### Repost Active Sales Orders / Repost Futures & Order Holds

In Release A9.2, the Sales Repost program has been enhanced to:

- Place future orders on hold if they can only be partially shipped. Prior to this enhancement In Release A9.2, the Repost program did not place orders on a partial hold. The program has been enhanced to place re-committed future orders on hold if the order is not fully shippable and, the ship-to customer does not accept partial order shipments.
- Recommit current orders to future. Customers asked for the Sales Repost program to reprocess existing orders to determine if they must be future committed when changes are made to the commitment days in the Branch/Plant Constants. A9.2 brings this functionality to the repost process. The program can now recommit current orders to future when the current order should be future based on the new commitment horizon. When future orders are recommitted or current orders are recommitted to future, an audit report is produced listing each detail line.
- Source future orders using the inventory commitment preference. When reposting active sales orders, the program now uses the inventory commitment reference to source sales lines from multiple Branch/Plants when the sales order is being recommitted from future to current.

## Based on File

In A9.1, the based on file for Sales Repost is F4102 Item Branch. Users of the release A7.3 were accustomed to using the F4211 Sales Order Detail file. Because the advantages to both, A9.2 now gives users the choice of what file to use depending upon the DREAM Writer version. All of the functionality in the program works with either based on file.

- XJDE0001 (Repost Active Sales Orders) version uses the F4102 as the based on file. To guarantee that all Item Location records are accurately reposted, use a version with the F4102 as the based on file
- All other versions (Repost Active Sales Orders) use the F4211 as the based on file. If you use a version with the F4211 as the based on file to do this, only Item Location (F41021) records for which there are open sales orders are updated

## Other

### #CYR Effective Thru Date Update

Many Distribution and Manufacturing files have an Effective Thru or Expiration date as part of the record. If a date is not entered when the record is added, an Effective Thru date is calculated from the default value for #CYR in the data dictionary. For example, if #CYR is set to 10, the Effective Thru date is 12/31/2010.

JD Edwards World is committed to helping users streamline some of the tasks required for record maintenance. Release A9.2 adds a new program to allow a mass update of the Effective Thru date in all records where the current Effective Thru date matches a specific date. The purpose of this new program is to provide a simple way of advancing the Effective Thru date on records, which have a default Effective Thru date (e.g. 12/31/2010) that was calculated using the value of #CYR in the data dictionary when the record was created.

### The Effective thru Date to be updated

You must determine the existing Effective Thru date that you want to update prior to running this program. Enter the date in the first processing option. The program selects those records with an Effective Thru date, which matches this date.

### The New Effective thru Date

You can enter the new Effective Thru date in the second processing option or you can leave the option blank. When the option is blank, the program calculates the new Effective Thru date from the default value for #CYR in the data dictionary.

The files the program processes are in User Defined Code (UDC) table 40/EF. If you want to exclude any files from the update, enter a 1 into the Special Handling Code field of the UDC table and the program skips that file.

## Run the Program and Check the Report

Once you have determined the existing Effective Thru date to be updated, run the program. A report is generated listing the number of records in each file that were updated.

## Manufacturing Enhancements

### Generate Shop Floor Calendars

With the release of A9.2, JD Edwards World users now have the ability to use multiple Shop Floor Calendars. Shop Floor Calendars can now be defined by branch/shift, and named calendars for specific Work Centers. This allows Work Centers to be linked to specific calendars providing for greater flexibility in scheduling. Since users need to use multiple calendars to get the most out of the manufacturing system, A9.2 provides for greater ease in generating your calendars. A9.2 Automatic calendar generation give users the benefit of instantly generating Shop Floor Calendars for a defined from and thru period, or number of years, including the definition of holidays.

From the Shop Floor Calendar Program, press F5 to bring up new program P31007 Calendar Generation. This is a full screen, not a window.



The following parameters will be passed from P00071 to P31007:

- MMCU – Branch Plant
- MT – Month (date from). Date thru from Processing Option
- YR – Year (date from). Date thru from Processing Option
- CTRY – Century



The following fields are populated to determine calendar generation:

- SHFT – Shift - The shift field must be edited to the Branch/Plant Manufacturing Constants shift fields. Calendars must not be generated for shifts that are not defined in Constants F3009
- WDCK – Calendar Name
- Day Code values should default in P31007:
  - W for Monday thru Friday
  - E for Sunday and Saturday

## Processing Options

Calendar Generation contains two processing options:

### 1. Number of Years to generate

Enter the number of years to generate shop floor calendars. If left blank, the system uses the value in #CYR as the end year.

### 2. Holiday Day Code

Enter a 1 to use UDC 98/HL to populate a Day Code of H for all holidays defined within the date range.

UDC 98/HL:



## Action Code

For security purposes, Calendar Generation will have the Action Code field. Action code will default to A Add, when program is accessed to be consistent with P00071. Add and Change will perform the same function – add and update. Delete will delete.

## Calendar Generation

Press Enter with Action Code of A or C to generate Calendars based on the values entered.

## Work Order Ledger

The purpose of the Work Order Ledger is to give a historical view of the Work Order based on changes to the record in the Work Order master file. In Release A9.2, the new Work Order Ledger captures and displays snapshot information about Work Order records in the F4801, based on changes to key fields. The Work Order Ledger is designed in conjunction with our existing Data Base Audit Manager (DBAM) functionality and is easy to set up and use.

The Work Order Ledger file is created via DBAM and maintained via a stand-alone process that utilizes a trigger program attached to the Work Order Master file that can be turned on or off at the customer's discretion.

The following procedure is necessary for the customer to set up the Work Order Ledger file and then compile the inquiry program:

1. Create a file called F48019 Work Order Ledger file via DBAM (in the customer data library) selecting all of the fields from the F4801 Work Order Master file. Those fields that the customer chooses to trigger the changes to be written to this new file can be selected in the DBAM process. JD Edwards World recommends the WO Request Date, Quantity Ordered, and the WO Status fields from the WO Master file be selected for triggering changes to be written to the new Work Order Ledger file.

2. A new logical file (F48019LA) by Work Order Number and Work Order Type needs to be compiled by the customer over the DBAM created file.
3. Compile the new Work Order Ledger Inquiry program P48019 that uses the Work Order Ledger logical file F48019LA.

The inquiry program is enabled and accessible via the Shop Floor Workbench using the new function key (Row Exit).



## Orderless Processing

In a lean environment, many common or simple sub-assemblies or service parts can be assembled or fabricated without the need for a work order, and the administration that goes with a work order. Users would simply manufacture or assemble the item and complete it to stock. Performing an Orderless Completion increments inventory of the finished item while decrementing inventory of the required components and capturing all related costs, without entering a work order or rate schedule. Orderless Processing consists of:

- Orderless Completion

- Orderless Completion Inquiry
- Orderless Manufacturing Accounting

### Orderless Completion

When a completion is entered, the system extends the BOM (F3002) and the Routing (F3003) by the completion quantity. Transactions are assigned a system generated reference number and stored in the F3116 transaction table.

- Orderless Completions cannot be used in conjunction with MRP Planning, and/or Forecasting
- Orderless Completions must only be used with backflush (material only) or Super Backflush (labor and material). It is assumed that if a user has the need to make changes to parts list and routings, then a Work Order must be used
- Orderless Completions can be used on any item that is set up in the Item Master/Item Branch that is set up as make, and has the proper setup in the BOM (F3002) and Routing (F3003) files
- Orderless Completions allows reversal of a single transaction until the accounting program has been run to create journal entries

### Orderless Completion Inquiry

This program provides an easy way to find and review Orderless completions. Within a specified Branch/Plant, Orderless completions can be viewed by any combination of Item Number, WC or Line, and Transaction Date ranges. Users can also inquire by Document Number.

### Orderless Manufacturing Accounting

When an Orderless Completion for an item is performed, the system stores transaction details in the Orderless Completion File, calculates, and stores material and shop floor activity costs in the Production Cost File. The Orderless Accounting

program uses the data from these files to generate journal entries for material issues, shop floor activities, completions, scrap, and variance. Running the Accounting program to produce journal entries always produces an exception report, and optionally produces an accounting journal.

The following Automatic Accounting Instruction tables are used by the program to establish the correct G/L accounts:

- 3110 Raw Material/Sub-Assemblies
- 3120 Work in Process
- 3130 Sub-Assemblies/Finished Good
- 3401 Accruals
- 3220 Labor Variance
- 3240 Material Variance

## Forecast Extract Cross-Reference

In a number of consumer goods industries, the sold item number might only last for a season, a year, or other set period of time. Over the course of a few years, several items could be created serving as the same finished product. In Release A9.2, Sales Extract has been enhanced to use the Cross-reference functionality. Sales history can now be consolidated from previous items forward to the most current item number for history extract and forecast generation.

Set up Item Cross Reference for replacement item:

Item Number	X-Ref Type Code	Address Number	X-Ref Number
8100	R	01	8100-C

Our Item Number	X-Ref Item Number
8100	8100-C

Item	Name	Our Item Number	X-Ref Item Number
Effect From	18.11.08	Ski Pole	Better, Faster, Stronger
Effect Thru	01.01.20		

## Forecast Extract

The Forecast Extract program (P3465) has a new set of processing options to retrieve the replacement item for an item that is out of production. A system-generated report of replacement items is optional.

<b>ITEM CONSOLIDATION:</b>	
14. Enter an item cross reference code for retrieving item replacements for obsolete items.	<input type="text" value="R"/>
15. Enter a '1' to generate an item consolidation report.	<input type="text" value="1"/>

## Forecast – Component Issue History Extract

Companies that configure and/or manufacture to order, have a need to forecast in order to provide their customers with reasonable lead times. Forecasting concepts have always provided mainly for top-level items, which is very difficult to do for configured product. To solve this dilemma, JD Edwards World A9.2 now provides the ability to extract work order inventory issue history from the Item Ledger by document type. Users who configure to order, or make to order, now have the flexibility to extract inventory issue history and generate forecast for assemblies and components below the top-level finished product.

### P3466 Extract Item Ledger History

Extract Item Ledger History is a new program that works in similar fashion to the currently used P3465. Processing Options ask the user to define:

- The Forecast Type to be created by the extract
- Date Range for creating actual forecast
  - From (required)
  - Through (optional)
- Specify Weekly or Monthly buckets for actual forecast
- Fiscal Date Pattern to be used

Users can specify up to five document types to be extracted from the Item Ledger:

5. Enter up to five Item Ledger Document Types to be extracted.	
a. Document Type 1	<input type="text" value="IM"/>
b. Document Type 2	<input type="text"/>
c. Document Type 3	<input type="text"/>
d. Document Type 4	<input type="text"/>
e. Document Type 5	<input type="text"/>

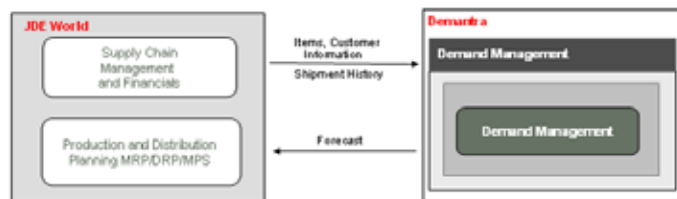
## Demantra Demand Planning Integration

To enable our customers to use the power and flexibility of an excellent forecasting tool, JD Edwards World A9.2 provides a batch integration of JD Edwards World with Demantra, for Demand Planning. The purpose of this integration is to allow Demantra to generate forecast from JD Edwards World customer information and

sales history data, then return the forecast back to the JD Edwards World system to be used for MPS/MRP/DRP. Using JD Edwards World A9.2 planning functionality in conjunction with Demantra, customers in a highly complex global supply chain can now leverage the advanced analytics of the best of breed Demantra Demand Planning system to satisfy their forecasting requirements.

JD Edwards World sends item, branch/plant, shipping history, and customer information to Demantra Demand Management (see the graphic below). Demantra Demand Management sends your simple, precise forecast back to JD Edwards World to be consumed by the MRP process.

With this integration to JD Edwards World, you utilize all of the forecasting and planning capabilities of Demantra Demand Management with the full range of ERP implemented processes.



Multiple statistical forecasting models including:

- Exponential smoothing
- Croston
- ARIMA
- Regressions

Demantra Demand Planning supports multiple demand streams along with collaborative and consensus forecasting:

- Proprietary Bayesian forecasting handles multiple and simultaneous casual factors like pricing and promotions
- Chaining and attribute-based forecasting to predict new product demand and product phase-out
- Multi-dimensional analysis, reports, graphs, and worksheets

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**Note:** The World Demantra Demand Planning Integration is also available with Versions A7.3 and A8.1. Contact Oracle Global Support for information.

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## Localizations

### Country-Specific Regulatory Updates Overview

JD Edwards World continues with development of localizations to help customers meet regulatory requirements in the following countries: Argentina, Australia, Austria, Belgium, Brazil, China, France, Germany, Ireland, Italy, Japan, Mexico, Netherlands, Russia, Spain, Switzerland, and the United Kingdom.

Notable localizations were added for the following countries.

#### Argentina

##### A/P RG 1547 Payment Detail Entry

P76A0440 shows payment in domestic currency when the voucher in foreign currency is paid with a domestic bank account.

#### Brazil

JD Edwards World A9.1 delivers the following new enhancements for Brazil:

##### Warehousing Module and Fiscal Classification

Previously, when using the Warehousing module, upon Sales Order Entry, the fiscal classification was not updated in the F76422 tag file. This functionality has been added to improve the calculation of the Nota Fiscal for those lines.

##### Nota Fiscal Inquiry

A processing option was added to allow the user to choose to display Notas Fiscais in ascending or descending order.

##### Populate Nota Fiscal Number in the Journal Entry

The Receipt Taxes Generator was modified so that it populates the NotaFiscal Number into the GLR2 field of F0911 file.

##### ID Number Person Field Increased to 20 Characters

When entering a Brazilian Supplier or Customer record, the AIBRG field in the F76011 must be populated; this is the ID Number Person field. To meet legislative requirements for the RG (registro geral) in some states, the field size was increased from 9 to 20 characters.

### **Allow User-Defined Versions of Purchase Order Entry, P4311BR**

Previously, the Purchase Order Generator program (P43032) was hard coded to check for a ZJDE0001 version of Purchase Order Entry - Detail - DWV (P4311BR). This restriction was removed to provide more flexibility when creating purchase orders.

### **Sales Update – Brazil for Customers who Use Flex Accounting**

Brazil Tax Netting is used to update GL with PIS/COFINS tax amounts. Netting is still applicable for customers who do not use flex accounting. However, for customers who prefer not to use Netting, the Tax records (ICMS, IPI, COFINS, and so on) generated in the Sales Order Detail File (F4211) will have the same data as the Item line in several fields.

### **Foreign Address Book Entries without CGC Numbers**

The validation of the CGC number field was redesigned for Foreign Address Book entries (who have no CGC numbers). The old design required the State field be set to EX. The redesign allows any entry where the country is not BR (Brazil) to not require a CGC number.

### **Default of Transaction Nature Code, 4th Digit**

Previously, if the value in Processing Option 1 of P4211BR or P4311BR ended in 0, such as 5920, this caused the program to pull the item category code value into the 4th digit of the Transaction Nature code. The program was redesigned so that an \*, instead of a 0, will have the same effect. This allows 0 to be used as any other number is used.

## **European Union**

### **SEPA – Simple Euro Payment Area Credit Transfers**

Support for Single Euro Payments Area (SEPA) credit transfers helps businesses worldwide save banking fees and increase the efficiency of cross-border electronic payments in Euros.

## **Italy**

### **Customers and Suppliers List in Electronic Format**

Every Legal Entity in Italy is required to send the Annual Customers and Suppliers Listing in electronic format to Italian Fiscal Authority. The Electronic file contains specific data for every Customer and every Supplier.

## Mexico

### VAT / Withholding

A withholding module has been enabled for Mexico. The withholding module is flexible and user configurable, allowing implementation of most future legal changes without awaiting the release of additional localization programs. Features include:

- Withholding computing by company and/or vendor number
- User-defined document type to identify withholdings
- Withholding rates can be defined by A/B withholding category codes
- Withholding log file to track how each withholding was computed with a record of all amounts involved in the computing (taxable amount, rate, special deductions that took part, and so on)
- Withholding registry can create an automatic record to fiscal authority's A/B number and payments can be done from those records

## Japan

### A/P Payments – Produce Bank Tape

The layout of the F0457JP has been designed by the Japan Bank Association. Program P04572JP allows the 4th byte (code class) of this file to have the flexibility to contain 1 (EBCDIC) or 0 (JIS).

### Bank Draft Number Revision

The V75301 counter was expanded from 6 bytes to 8 bytes to allow for a larger number of records in the F0411.

## Russia

JD Edwards World A9.1 delivers the following enhancements for Russia:

### Russian Correspondence Opening and Closing Balances

Address Book number has been added to the Correspondence Transaction file (F74R0911) and Correspondence Balances file (F74R0912). These additions provide opening and closing balances for reporting.

### Russian Correspondence Gain / Loss Rules

To meet legislative requirements, Russian Correspondence Accounting was enhanced. In A/P, when the bank account is in a separate company, gain/loss will correspond to the control account and any intercompany rule will be overridden by the original rule.

# Appendix

## Appendix A – Import/Export Enabled Applications

<b>Import/Export Enabled Applications</b>				
<b>Numeric Sequence</b>	<b>Name</b>	<b>Interactive Export</b>	<b>Interactive Import</b>	<b>Batch Export</b>
P00151	Address Book Information	X	X	
P0030	Bank Account Cross Reference	X	X	
P00921	Review User	X		
P01P200	PCard Transaction Workbench	X		
P01P21	PCard Merchant Cat. Codes	X	X	
P01P401	Employee Card Information Rpt			X
P01051	Address Book Revisions		X	
P010514	Socio-Economic Information	X	X	
P01200	Name Search	X		
P0305	Credit Granting/Management		X	
P03101	AR & AP Journal Entry	X		
P032002	Customer Ledger Inquiry	X		
P032002S	Customer Ledger Inquiry Italy	X		
P042003	Supplier Ledger Inquiry	X		
P042004	Supplier Payment Inquiry	X		
P061121	Time Entry by Individual		X	
P061161	Time Entry by Job	X	X	
P061191	Daily Time Card Entry		X	
P063001	Time & Pay Entry Journal			X
P064011	Employee Roster			X
P080200	Profile Data Inquiry	X		
P08201	Review and Rank Employees	X		

<b>Import/Export Enabled Applications</b>				
<b>Numeric Sequence</b>	<b>Name</b>	<b>Interactive Export</b>	<b>Interactive Import</b>	<b>Batch Export</b>
P09101	Journal Entry	X	X	
P09200	Account Ledger Inquiry	X		
P09210	T/B by Business Unit	X		
P092121	Account Balance Comparison	X		
P09214	T/B by Object Account	X		
P09216	Trial Balance by Company	X		
P09217	Masked Trial Balance	X		
P09410	T/B by Business Unit Report			X
P09420	G/L by Business Unit Report			X
P09421	G/L by Object Account Report			X
P10111	Simple Balance Sheet			X
P10211	Simple Income Statement			X
P10521	Statement of Cash Flows			X
P1201	Asset Master Information		X	
P1202	Depreciation and Accounting Values	X		
P1204	Item Search and Location	X		
P1207	Item PM Schedule	X	X	
P12120	Meter Readings	X		
P12424	Cost Analysis			X
P14101	Detailed Budget by Account	X		
P14102	Annual Budget by Business Unit	X		
P14103	Annual Budget by Account	X		
P15210	Tenant/Lease Search	X		
P3002	Bill of Material	X	X	
P3003	Routing Master	X	X	
P3006	Work Center		X	

<b>Import/Export Enabled Applications</b>				
<b>Numeric Sequence</b>	<b>Name</b>	<b>Interactive Export</b>	<b>Interactive Import</b>	<b>Batch Export</b>
P30410	Single Level Bill of Material Report			X
P3111	Work Order Parts List	X	X	
P3112	Work Order Routing	X	X	
P311221	Hours and Quantities	X	X	
P34301	Supplier Schedule Revisions	X		
P3460	Detail Forecast	X	X	
P3711	Quality Test Results	X	X	
P4001Z	Recurring & Batch Order Entry	X	X	
P40300	Preference Revisions	X	X	
P4070	Advanced Pricing	X	X	
P4071	Price Adjustment Definitions		X	
P40721	Check Price and Availability	X		
P41002	Unit of Measure Conversion	X	X	
P41003	Standard Units of Measure	X	X	
P4101	Item Master Information		X	
P41024	Item Location Information	X	X	
P41026	Item Branch Information - Revisions		X	
P4105	Item Cost Revisions	X	X	
P4106	Base Price Revisions	X	X	
P41061	Supplier/Item Price Revisions	X	X	
P4108	Lot Master Revisions		X	
P41411	Cycle Count Selection			X
P41510	Price Book			X
P420111	Release Quote/Blanket Orders	X		
P42040	Status Code Update	X		
P42045	Customer Service	X		

<b>Import/Export Enabled Applications</b>				
<b>Numeric Sequence</b>	<b>Name</b>	<b>Interactive Export</b>	<b>Interactive Import</b>	<b>Batch Export</b>
P4207	Shipment Workbench	X		
P42070	Release Held Orders	X		
P42090	Order Hold Information	X	X	
P42100	Related Salesperson	X	X	
P4211	Sales Order Entry	X	X	
P42110	Commission/Royalty Info.	X	X	
P42117	Release Backorders - Online	X		
P42118	Release Backorders			X
P42120	Commission/Royalty Inquiry	X		
P4242	Transfer Orders	X	X	
P4243	Direct Ship Orders	X	X	
P42590	Print Backorders to Fill			X
P4271	Pricing Rules	X	X	
P42999	Commit/Decommit Workbench	X		
P43081	Orders Awaiting Approval	X		
P43101	Purchase Orders Workbench	X		
P43105	Progress Payment Entry	X		
P4311	Purchase Order Entry	X	X	
P4312	Receipts by PO/Item/Account	X		
P43421	Order Ledger Detail by Supplier			X
P43530	Request for Quote Report			X
P4402	Commitment Revisions	X	X	
P48011	Equipment Work Order Entry		X	
P48013	Manufacturing Work Order Entry		X	
P48014	Project Task Details	X	X	
P48096	Cost Plus Mark Up Information	X	X	
P512000	Job Status Inquiry	X		
P5201	Contract Master		X	

<b>Import/Export Enabled Applications</b>				
<b>Numeric Sequence</b>	<b>Name</b>	<b>Interactive Export</b>	<b>Interactive Import</b>	<b>Batch Export</b>
P5202	Contract Billing Line Details	X	X	
P700415	Payments to other companies	X		
P74R0903	Correspondence Rules - RUSSIA	X	X	
P74Y0501	Yearly VAT List - Customer			X
P74Y0502	Yearly VAT List - Supplier			X
P76A0360	Sales VAT Subdiary in Paper			X
P76A0394	Sales Report			X
P76A0494	Purchasing Report			X
P76A394	Adjustments review	X		
P76A6211	Upgrade/Inquiry Details of Draft with SQL	X		
P76A6214	Inquiry Applications Details	X		
P76A8016	CITI File Generation			X
P76B4121	Four Columns Balance Sheet - Print report			X
P76B415	General Journal			X
P76B415	General Journal			X
P76B417	Auxiliary Journal of Accounts Payable			X
P76B903	Cotepe Block H - Generation of			X
P76B905	Cotepe Block H Rec 230/235 Wo			X
P76B907	Cotepe Block H Rec 250/255 In			X
P76B909	COTEPE Block I Reg.050 - Cahr			X
P76B910	COTEPE Block I Reg.100 Cost C			X
P76B911	COTEPE Block I Rec.150 Monthl			X
P76B912	COTEPE Block I Reg.200/250/300			X
P76B916	Cotepe Block 0 - Generation of			X
P76B947	Cotepe Block 0 - Record 0400 -			X
P76B948	Cotepe Block 0 - Generation of			X

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<b>Import/Export Enabled Applications</b>				
<b>Numeric Sequence</b>	<b>Name</b>	<b>Interactive Export</b>	<b>Interactive Import</b>	<b>Batch Export</b>
P76B950	Cotepe Block 0 - Generation of			<b>X</b>
P76B954	Cotepe Block Z - Generation of			<b>X</b>
P76B9553	Cotepe Block Z - Generation of			<b>X</b>
P76B9554	Cotepe Block Z - Generation of			<b>X</b>
P98480	Processing Options Conversion	<b>X</b>	<b>X</b>	
P98570P	Report/Version Workfile Print			<b>X</b>
P98640	Report Version Archive/Delete			<b>X</b>

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