Fitrix™

Release Notes

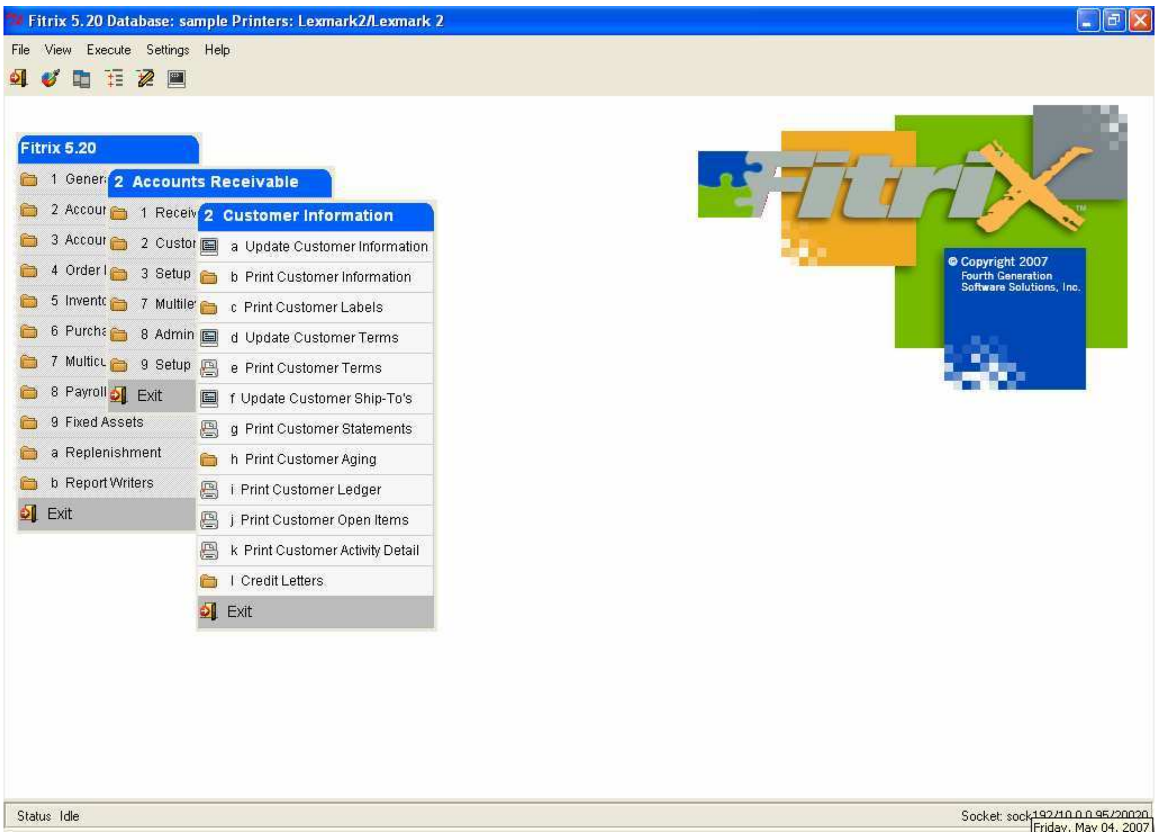
Version 5.20

INTRODUCTION

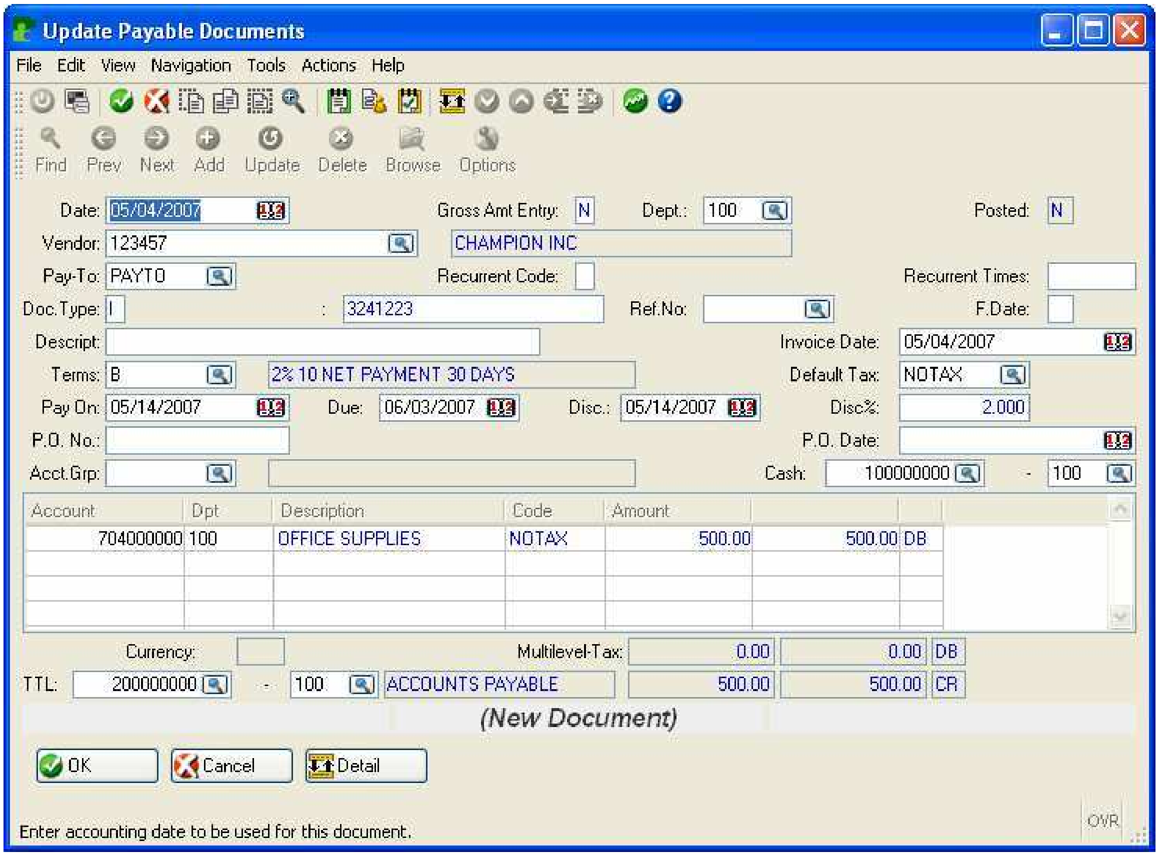
Fitrix Version 5 Series

Fourth Generation Software Solutions is pleased to announce the release of Fitrix Version 5.20. In addition to having many new application features, the user interface has changed dramatically due to migration of our product from Four J's BDL to Four J's Genero BDL.

The following are screen shots of the Fitrix software screens showing the new graphical user interface (GUI).



Sample Header/Detail Screen



Some of the user interface improvements and benefits you will see in Version 5.20 include:

Standard MS-Windows User Interface
- Keystrokes
- Look and Feel
- Mouse control
- Capabilities

Intuitive
- No learning curve for new users
- No hidden features

User Interface
- several ways to do most things:
  - File menu
  - Tool bar
  - Right click
  - Keyboard
- No limit to Window Size
  - 24 x 80 limit no longer applies
  - User can resize any window up or down and will scroll if necessary
- Detail Array & Zoom Array improvements:

- User can expand array rows displayed by expanding the screen size
- Sort columns
- Hide and Unhide columns
- Reposition and expand display width of columns
- Copy entire visible array to Word or Excel retaining columns properly

Widgets

- Calendar icon
- Zoom button (combo box)
- New Browse screen controls

Key Strokes

- Accept = Enter (was escape)
- Cancel = Escape (was delete or ctrl-c)
- Next Field = Tab
- Previous Field = Shift Tab
- Header/Detail toggle = Ctrl-Tab

Printing

- Print to any printer visible to the local P.C.
- New Screen Pager, 132+ columns, scrollable

Commitment to Genero

- Fully taking advantage of new Genero methods
- No attempt to be backward compatible to character 4GL or BDL
- Each new version of the CASE tool will add new Genero capabilities

Conversion approach

- Regenerate in our new 5.2 CASE Tool – Visual Development Tool for Genero
    - The Tool handles all of the work for the generated portion of your code.
    - Your code must be 100% regenerable and remergeable in the CASE Tool
- One time manual conversion of changes required to non-generated portion of your code
    - We estimate .25 hours per .4gs program on average

Developer Learning Curve

- The CASE Tool still works exactly the same way
    - But with a few new features
- Genero is still based on Informix 4GL syntax wherever possible
- A few names have changed
- A very easy transition

Miscellaneous

- All Pop-up windows float
- Options button – retained for legacy

Next Version

- File Tabs

For a complete overview of the new user interface contact your authorized Fitrix reseller and request a copy of our Getting Started with Fitrix User Guide.

FOUR J's GENERO BDL - a software infrastructure for enterprise-scalable, mission-critical business applications

The foundation of Four J's Genero BDL is a 4GL programming environment that allows you to develop complex business applications quickly.

Genero is a platform-independent development and deployment environment, optimized for data-intensive business applications suitable for businesses of all sizes. Genero applications work well in an enterprise environment, interoperate with other languages and platforms, scale well, and lend themselves to Service Oriented Architectures (SOAs). Most importantly, Genero provides businesses a boost to the bottom line: high developer productivity and predictable, cost-efficient application lifecycles.

With the simplification of the business logic comes dramatic improvements in programmer productivity, reduced developer error and increased reliability and performance. Applications are more concise and are developed between 3 and 10 times faster than with other tools.

Key Genero Features:

- **Business Development Language (BDL)** provides a simple, easy-to-learn programming language for data-intensive Genero business applications. Informix 4GL users will find a very easy transition.

- **Genero Thin Client** provides a fully graphical thin client that allows high performance and ease of support. All application logic and processing remains on the server and clients only need to be upgraded with a Genero version upgrade, never when you add new application features. Fitrix version 5.2 supports the Windows thin client, ask us about thin clients for other client environments.

- **Platform-independent server** works on Windows, Unix, and Linux systems, without recompilation. Compile once, run everywhere: a Dynamic Virtual Machine (DVM) runs Genero's portable byte code efficiently on each server platform. Reduce your test cycle effort: the exact same application executable runs on Linux, AIX,HP-UX, Solaris, and others.

- **Open database interface** works with IBM Informix®, Genero db, IBM® DB2®, Microsoft® SQL Server, MySQL®,Oracle®, PostgreSQL®, and Sybase® through efficient native-compiled drivers. Fitrix products are developed for use only with the IBM Informix IDS database. However custom code can be added to allow full integration to other databases from within any Fitrix program.

- **Web Services Extension** enables the development of Service Oriented Architecture SOA business services in double-quick time. Build robust, scalable Service Oriented Architectures that are intuitive, easily readable and maintainable by the entire development team rather than just the privileged few that understand esoteric coding tools and styles. Genero's BDL is purpose built for this task and its embedded transactional integrity removes the need for complex third-party transaction processing monitors. Being able to communicate with heterogeneous software assets is the key to a successful SOA and Genero does this with ease. Developers work seamlessly from within the language without having to learn the plethora of communications' APIs and protocols that Web Services entails.

- Easily enable Genero applications to interoperate with existing software using XML Web services across heterogeneous platforms to create composite applications
- The Genero Web Services Extension can expose Genero business services as standard platform and language independent SOAP (Simple Object Access Protocol) based XML Web services. It can generate the WSDL (Web Services Description Language) that makes it easy for other applications to consume the service. In addition, the Genero Web Services Extension can import WSDL from existing Web services and use it to automatically generate the Genero client functions needed to consume the services.
- Web services were specifically designed to work over the Internet and across firewalls, using the standard HTTP protocol.

For more information about Four J's Genero, visit www.4js.com

NEW FEATURES

ACCOUNTS PAYABLE:

- **New fields on the vendor information and pay to screens**

  Feature 747

  The following fields have been added to the Vendor Information screen

  Web address
  Cell Phone
  Email
  Fax

  The following fields have been added to the Vendor Pay To screen

  Web address
  Cell Phone
  Email
  Fax

- **Vendor code expanded from 6 to 20 alphanumeric characters**

  Feature 910

- **AP credit and debit memos create open items**

  Feature 981

  In prior version if the document type used in Update Payable Documents was C (for credit memo) or D (for debit memo) , this transaction would not create an open item when posted but instead go on account. The software has been modified so that these document types now create open items and can be seen in the vendor activity and on the aging/ledger reports..

ACCOUNTS RECEIVABLE:

- **New fields on the customer information and ship to screens**

  Feature 747

  The following fields have been added to the Customer Information screen

  Web address
  Cell Phone
  Email

  The following fields have been added to the Ship To Address screen:

  Web address
  Cell Phone
  Email

  Fax

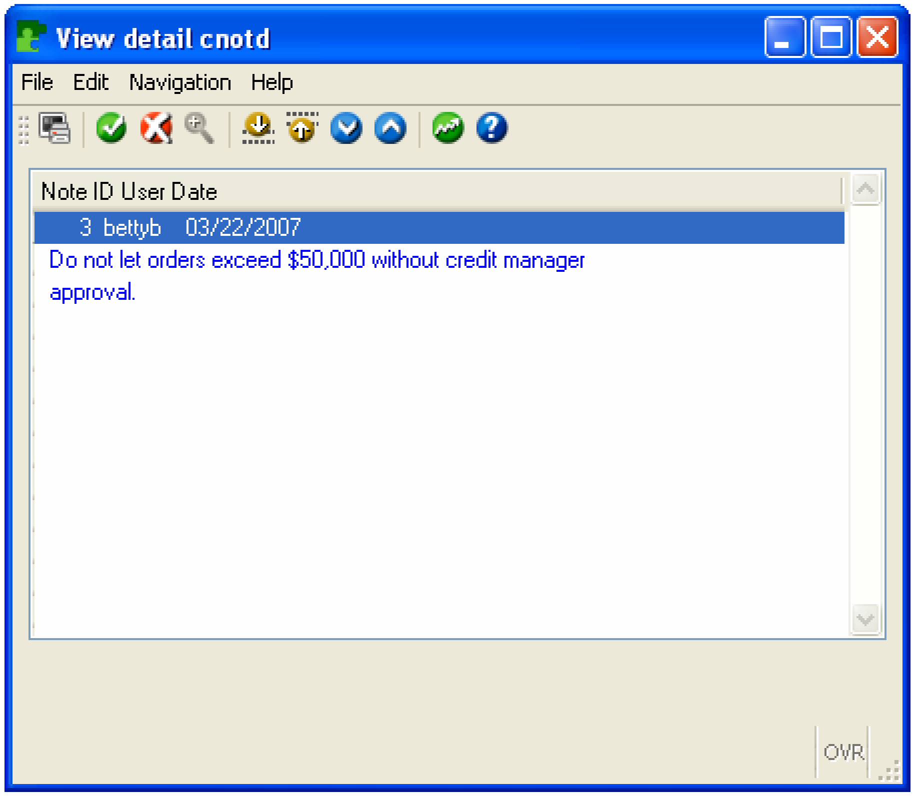
- **Customer credit notes**

  Feature 949

  These new credit notes are accessible from the Update Customer Information program. Once you click on the credit notes icon, a picker list displays and has the following options:

  View credit notes- allows you to view all existing notes
  New credit note– allows you to ads notes
  Delete credit note – allows you to delete specific credit notes
  Edit credit note- allows you to edit specific credit notes

  When a credit note is entered and stored, it will be updated with the login id of who entered the note and the system date. These credit notes will automatically display in Order Entry when entering a customer order.



- **Credit hold flag at customer level**

  Feature 855

  A new field "credit hold" has been added to the customer screen. If this value is set to Y, you will not be able to enter AR invoices or OE orders.

- **Additional aging buckets on AR aging reports**

  Feature 907

  You can now have up to seven aging buckets on the aging reports and you also define the number of days in each one.

- **Last pay date and pay amount print on AR aging reports**

  Feature 908

- **Increased customer code from 6 to 20 alphanumeric characters**

  Feature 909

- **Transfer all customer activity/history from one customer code to another**

  Features 954

This new program is useful when a company changes names and you want to set up a new customer code that reflects the new company name and then transfer all sales history/activity to the new code. Once the transfer of information is complete, the old customer code is deleted.

- **Carry over cash in cash receipts if multiple customers on one check**

  Feature 978

  On occasion you may need to apply a single cash receipt to multiple customer codes. An example of this is when a corporate office is paying for multiple divisions and you have each division set up as an individual customer code. This feature allows you to carry over unapplied cash to another customer code. If the amount received is greater than the amount applied to a customer's account and you answer Yes when prompted if you would like to apply the excess to another customer code, a new cash receipts screen will display with the check number and the amount received (excess amount) filled in.

- **Ability to find specific invoice to pay in cash receipts.**

  Feature 979

  Instead of having to scroll through row after row of invoices in the cash receipts program to locate the one you want to pay, a zoom has been added at the detail line level from which you can then open a query screen to find your invoice number.

- **Auto-create charge-backs in cash receipts**

  Feature 980

  This feature allows your to create customer charge backs and write offs while in the cash receipts program. For example, a customer pays $300 of a $500 invoice, taking a $200 deduction. You now have three options:

  1. Create a chargeback debit memo- instead of short paying the invoice and leaving a balance due on it, pay off the entire $500 invoice and create a new open item for $200 until the research can be done to determine whether a credit is due to the customer.
  2. Create a write off credit memo to clear the balance.
  3. Short pay the invoice leaving a balance due.

- **AR credit and debit memos create open items**

  Feature 981

  In prior version if the document type used in Update Receivable Documents was C (for credit memo) or D (for debit memo) , this transaction would not create an open item when posted but instead go on account. The software has been modified so that these document types now create open items and can be seen in the customer activity and on the aging/ledger reports..

➢ **Duplicate payment creates an open invoice with a negative balance**

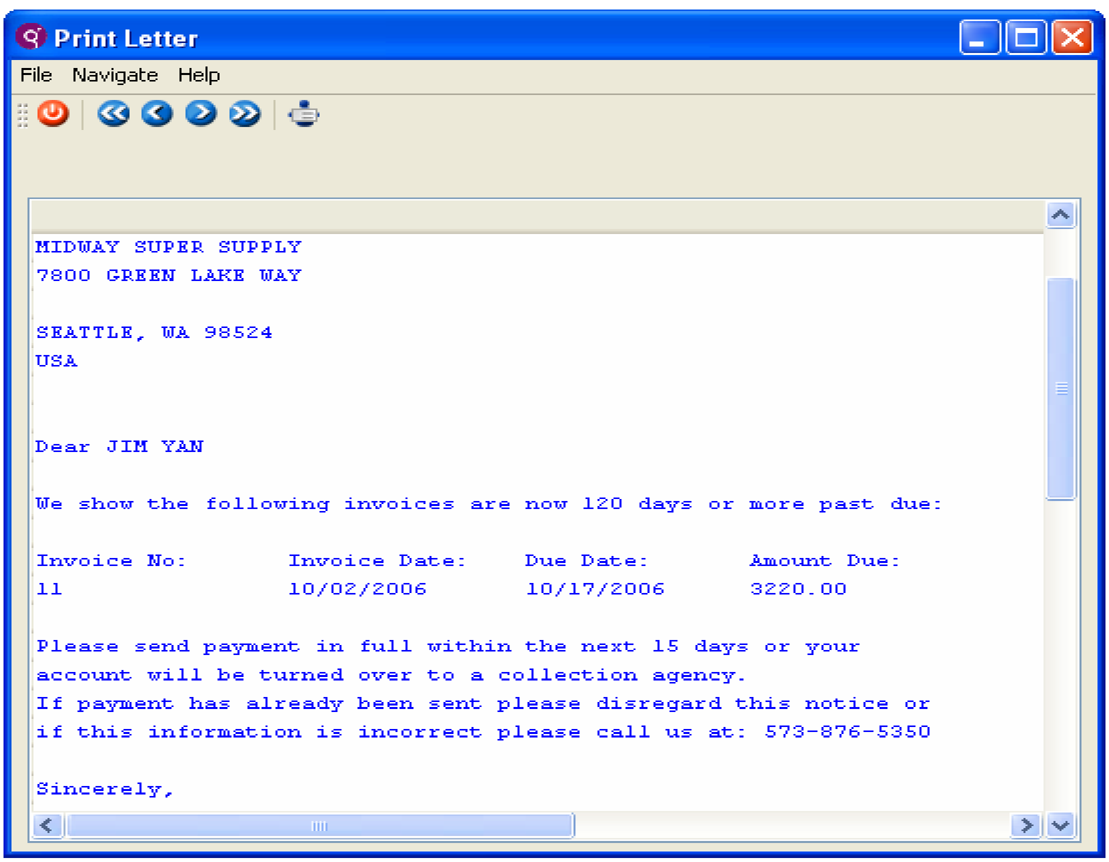
Feature 982

In past versions of Fitrix, if a customer paid an invoice twice, the only option was to apply the overpayment to other open invoices or put the funds on account. Keeping track of these overpayments could become complicated and confusing to the customer when they received their statement of account. With this feature you can now reopen a previously paid invoice and it will show on your customer's account as a negative amount thereby letting them know they paid it twice in error.

➢ **Dunning Letters**

Feature 984

This feature allows you to create and print credit/collection letters to be sent to your customers.



We deliver the following letter templates with the base Fitrix package:

Credit hold letter (letter code CRHLD) – selects all customers where credit hold flag in customer record = Y and credit hold date = letter date entered. It is recommended that this be set up to run via CRON every night. Example is above.

Past Due 30 (letter code LD30) – customer has invoices that are 30-59 days past due.

Past Due 60 (letter code LD60) – customer has invoices that are 60-89 days past due.

Past Due 90 (letter code LD90) – customer has invoices that are 90-120 days past due.

Collection Letter (letter code COLL)- customer has invoices that are > 120 days past due and the customer will be turned over to a collection agency .

- **Add ship complete flag to customer record and have OE use as default**

  Feature 998

  A new field labeled Ship Complete has been added to the customer record. If the customer requires that all orders ship complete (backorders can't be shipped at a later date), set this value to Y. When entering orders the ship complete flag will default to this value and picking tickets will not print if there are any backordered items. They will only print when all lines have a line stage = ORD meaning all item are available for shipment.

- **Transfer all ship-to activity/history from one ship-to code to another**
  Feature 1010

  This new program transfers all sales history/activity to the new code and then deletes the old code.

- **Use same sequence for AR and OE invoice numbers**

  Feature 1026

  In prior versions of Fitrix, if the invoice number in the Update Receivable Documents program was left blank, an invoice number was not assigned. This has been changed so that this program will use the same invoice number sequencing as order entry.

GENERAL LEDGER

- **Added user ID to general journal screen**

  Feature 749

  The user ID of person that entered the journal entry will print on General Journal Listing. The user ID will also display on the Update General Journal screen.

- **Suppress printing of accounts with zero balance on financial statements**

  Feature 684

  The following financial reports have been modified so that you can choose whether to print accounts that have a zero balance or not:

  Balance Sheet
  Income statement
  Trial Balance
  Budget Comparison

- **Back date control**

  Feature 746

  This feature allows you to control which GL periods users can post to. This is very useful in that if a GL period has already been closed and the financial statements prepared and distributed to management, you would not want the users to be able to post a transaction in that period as it will affect your GL balances.

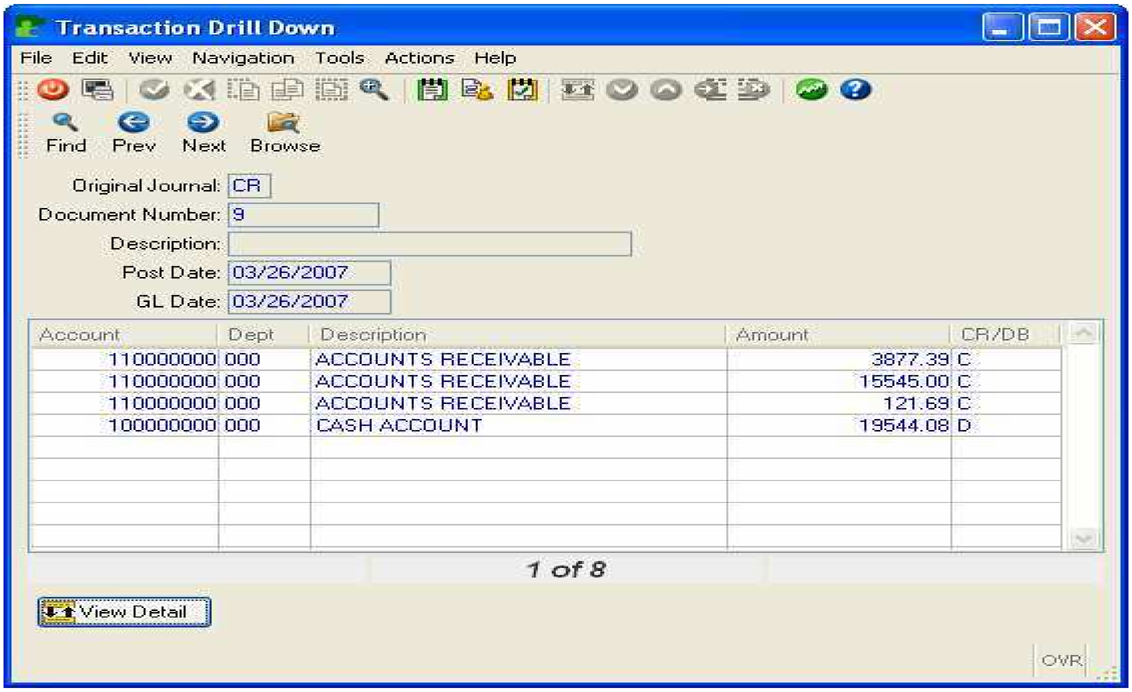
- **Global GL drilldown**

  Feature 749

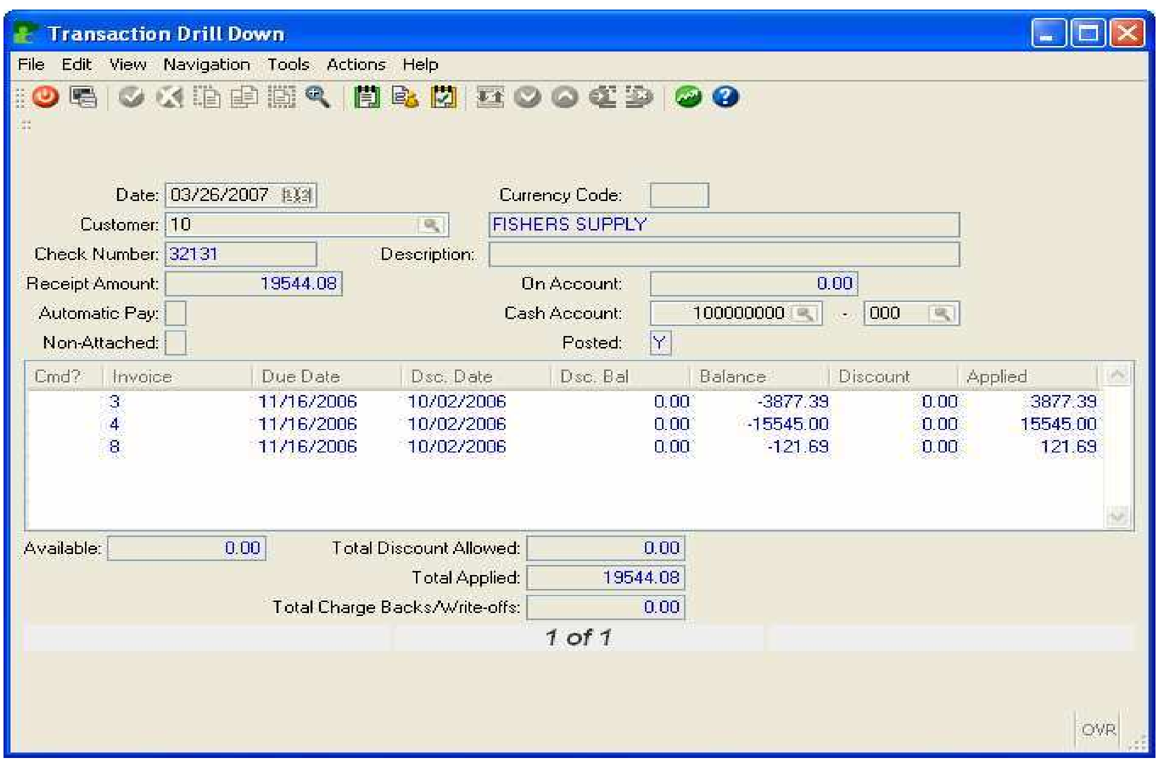
  The global drill down feature will allows you to see both sides of the GL distribution of any transaction in any module and to then drill down to the source document level. The following source documents that were previously deleted from the database entry tables when posted will no longer be deleted. Please note that the drill down to source document will not work for transactions posted prior to this feature being installed and implemented on your system since these records were deleted.

  Journal entries
  AR invoice and cash receipts
  AP invoices and checks
  Inventory counts and adjustments
  Payroll entries.

Drill down screen program:



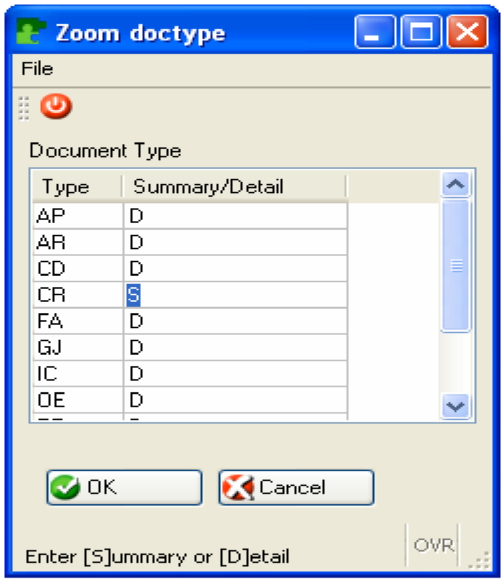
Zoom to source document:



➢ Print GL activity in summary or detail by document type

Feature 895

This GL activity report allows you to specify what source documents you want to see in detail and which ones you want to see in summary. For example, if you just want to print one line item for all cash receipts posted for each day rather than a line item for every cash receipt for each day you will select to print summary information for source document = CR.



➢ Beginning and ending balances on GL activity reports

Feature 896

The GL activity detail reports now print the beginning and ending balance for each account number.

➢ Flag if GL acct # can be used in journal entry program

Feature 912

A new field has been added to the Update Ledger Accounts and Update Account Balances screen programs and it is labeled Allow Use In Manual Journal Entries.
If this value is set to N the user will not be allowed to use this account number in the update Journal Entries program. There are some account numbers that have their GL balance maintained by the system (Example-Trade Accounts Receivable and Trade Accounts Payable) and therefore manual journal entries to these accounts should not be allowed.

- **Run GL activity by department**

  Feature 915

  The Department code has been added to the selection criteria screen so that the GL Activity reports can now be run for specific departments.

- **New menu option to create reversing journal entries**

  Feature 927

  A new menu option has been added to the Ledger Journal menu. In past versions of the software, the Begin New Period program ran a sub program that found all journal entries that were designated EOP = Y and would reverse them. However this created a timing issue. For example, let's say you've opened up the period 01 but you have not yet closed out period 12 and you need to enter accrual journal entries in period 12 that should automatically reverse in period 01. Because you have already opened period 01 these entries will not reverse until you open period 02. By adding the Create Reversing Journal Entries programs a separate menu option, you can reverse entries without opening yet another period. The program looks at all EOP = Y journal entries that have not yet been reversed and reverses them if the current period is after the period the original journal entry was posted to. Using our example above it would reverse all period 12 reversing journal entries into period 01 when run.

- **Ability to print income statement for a range of departments**

  Feature 1064

  In previous versions you could only run the income statement for a specific department or all departments. Now you can run for a range of departments or select more than one department.

- **Interface with F9 report writer tool**

  With this tool you can take up-to-the-minute data from Fitrix General Ledger and it import into Excel. From there you can:

  - Perform "what if" analysis
  - Create customized financial reports in various formats that span any time frame, even one day or one week reports
  - Ability to "slice and dice" your GL account number into segments representative of your business (region, division, department)
  - Consolidated financial reporting for multiple databases if you are running more than one company with Fitrix
  - Allows you to pass budget information from your spreadsheet back to the Fitrix GL thereby reducing data entry and data entry errors

  For more information on this product, go to www.F9.com.

INVENTORY CONTROL

- **Delete inactive inventory items**

  Feature 700

  This feature gives authorized users the ability to delete inventory items and warehouse codes regardless of previous activity still in the database..

  In order to delete the item code the item must pass three tests: 1) no open orders, 2) no open purchase orders, 3) no warehouses with quantity on hand.

  In order to delete the warehouse code the warehouse must pass three tests: 1) no open orders, 2) no open purchase orders, 3) no quantity on hand.

- **Incremental sales and purchase units**

  Feature 914

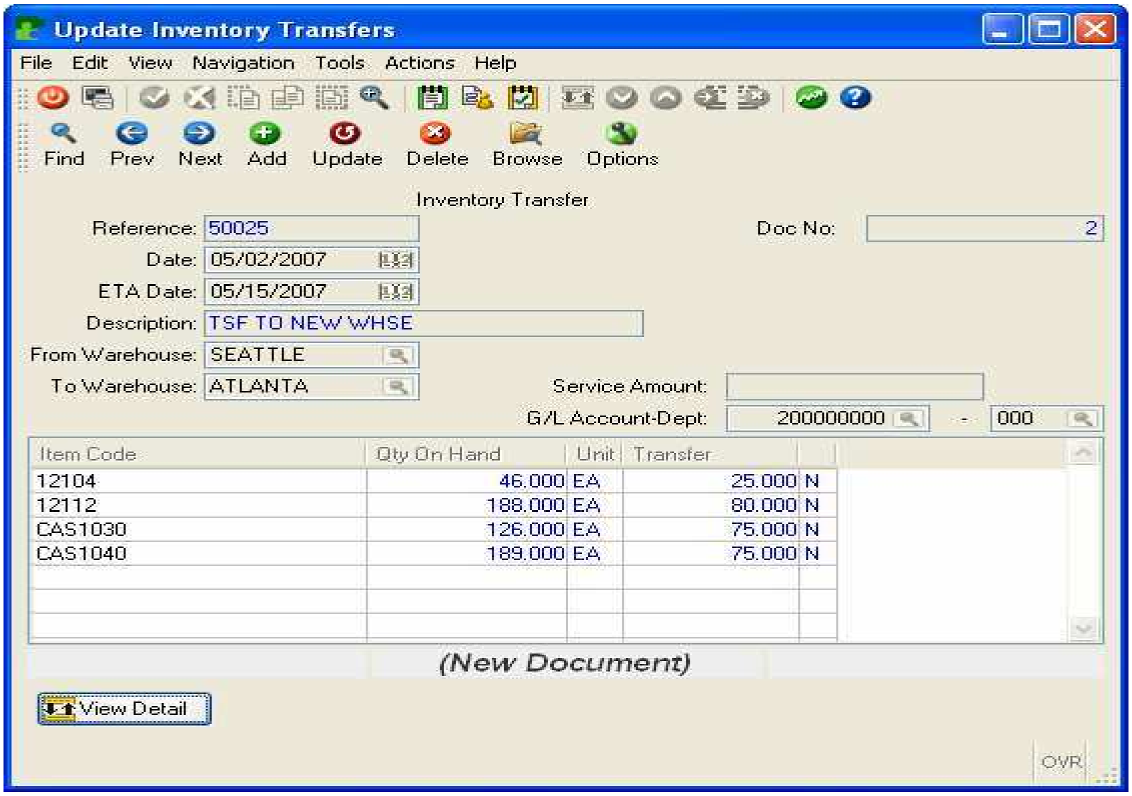
  Two new fields have been added to the inventory item screen; sell unit increment and purchase unit increment. If you have certain items that you must sell in pairs for example, these values would be set to two. This will prohibit users from entering customer orders or vendor purchase orders unless the quantity is in increments of two.

- **Warehouse transfer screen reformat and backorder release logic**

  Feature 918

  In previous versions, you had to enter a record for each item on a warehouse transfer. We have now moved the to and from warehouse codes to the header section of the screen and the item code to the detail so that only one record per transfer needs to entered. The warehouse codes are entered in the header and all items on the transfer are entered in the detail.

  You also now have the ability to enter a freight amount and this freight amount will be added to the item’s cost in the receiving warehouse when the transfer is posted.

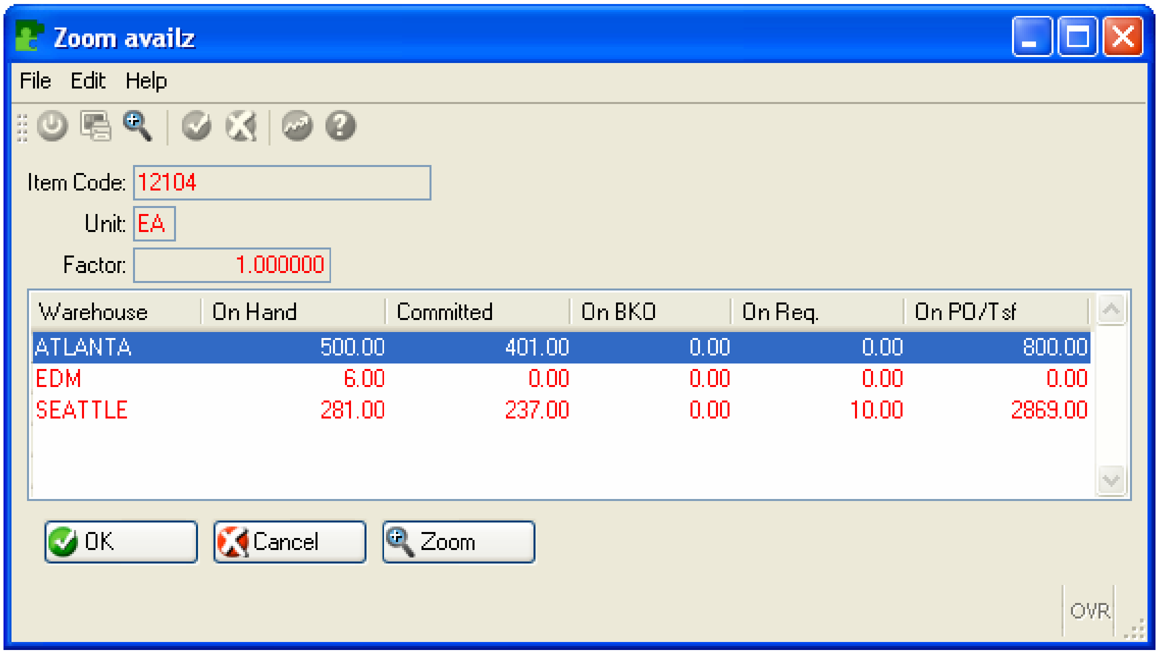


When the transfer is posted you are now prompted as to whether you want to release customer backorders in the receiving or "TO" warehouse.

- **Changes to the IC and OE item status screen.**

  Feature 921

  The item status screen has been changed as follows:



1. You will now see the item status in all warehouses, not just the warehouse the order is shipping from. If you decides to ship the item from another warehouse that displays, highlight the warehouse and press enter. You will be prompted "Changing the warehouse from X to Y. Do you want change (Y/N)?"

2. The status screen now contains information on warehouses transfers coming into the warehouse and leaving the warehouse.

3. You can now drill down on the following fields to view details:

   Committed- view detail of customer orders and warehouse transfers leaving the warehouse.

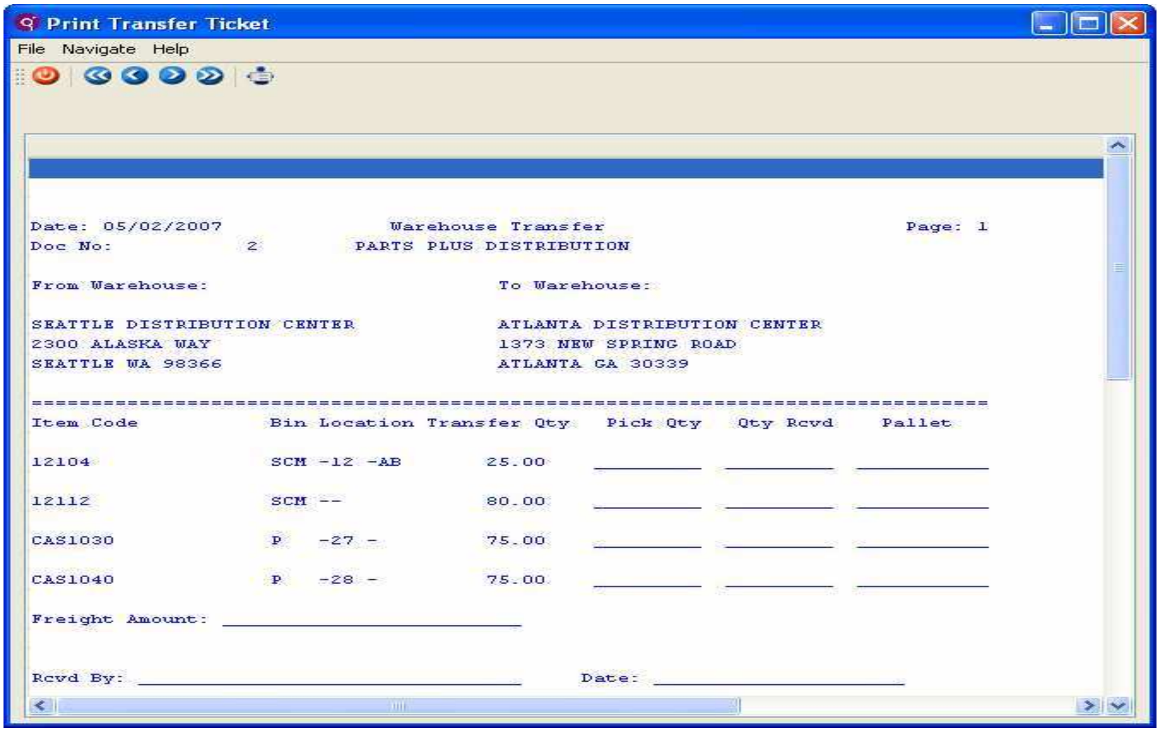
   On BKO- view detail of customer backorders.

   On PO/Tsf – view detail of vendor purchase orders and warehouses transfers due to be received.

- **Warehouse transfer pick ticket**

  Feature 918

  A picking ticket can now be printed for warehouse transfers.



- **Option to set item as obsolete in all warehouses instead of one at a time**

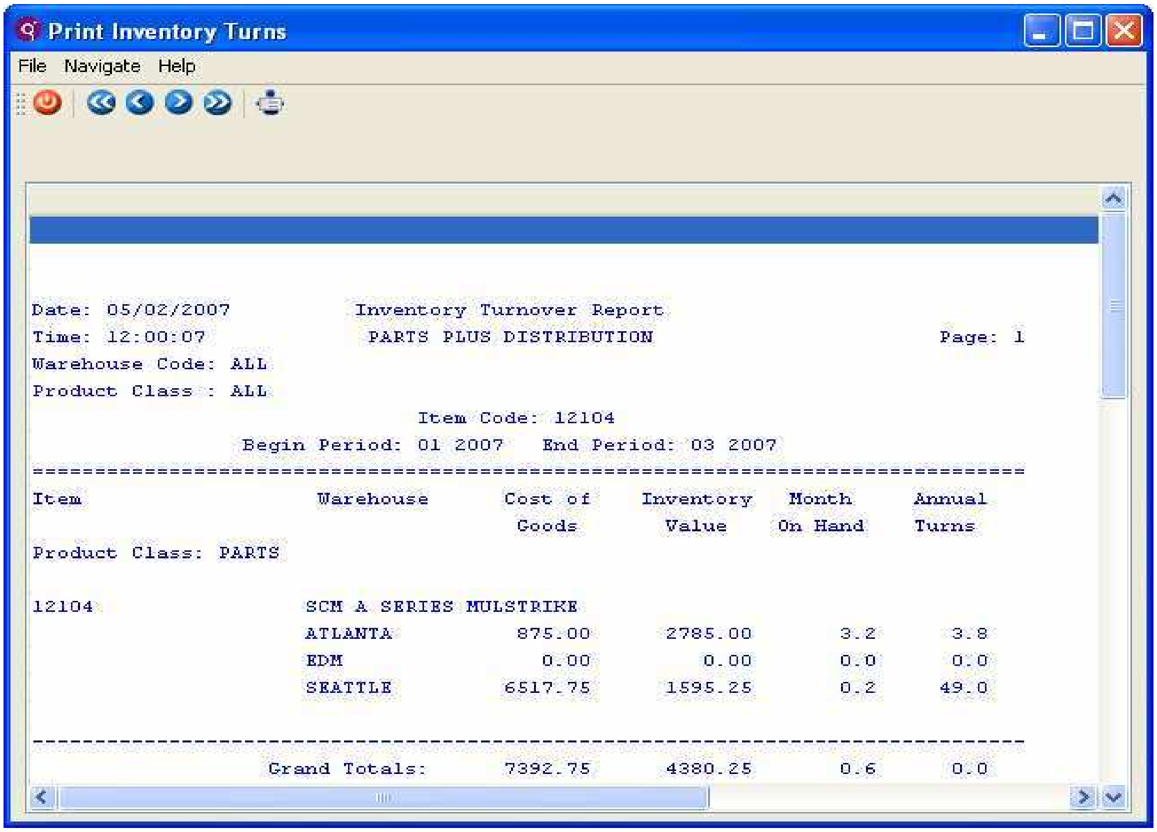
  Feature 1014

  If an item's obsolete flag is set to Y in one warehouse, we now set all other warehouses to Y so you do not have to do this.

- **Inventory turns report**

  Feature 1092

  This new report advises you which items are moving and which ones are not. It compares your inventory valuation to your cost of sales and calculates how many months supply you have on hand and how many times per year each item is turning.



- **Ability to run inventory valuation reports as of a certain date**

  Feature 1092

  You are now prompted to enter a date when running any of the inventory valuation reports. This enables you to view the valuation of your inventory as of any date in the past.

ORDER ENTRY

- **UPS Worldship interface**

  Feature 657

  The Fitrix software provides the shipping address for the UPS Worldship software, acquires the freight charge, updates the order status and tracks the progress of the shipment. This will allow the you to know your costs and provide your customers with real-time tracking information.

- **New fields on salesperson code screen**

  Feature 747

  The following fields have been added to the Salesperson Code screen:

  Phone
  Cell Phone
  Email
  Fax

- **Warning if price charged is too low and Price Variance report.**

  Feature 761

  The Sales Order Entry program has been modified to display a warning when the selling price (entered or calculated) does not exceed the item cost by percentage specified by you either at the item level or globally for all items.

  The price variance report will print all items sold below the required profit percent for a date range specified by you . It lists the following information:

  Customer code
  Customer business name
  User ID
  Item Code
  Price charged
  Price allowed
  $ Variance

- **Shipping terms logic to interface with UPS interface**

  Feature 779

  The UPS interface automatically adds a freight amount to the invoice. Logic has been added to the order entry programs to handle the various shipping terms so that freight will only be included on the invoice to the buyer if the shipping term warrants this.

- **Ship direct from vendor and out of the warehouse on same order**

  Feature 801

  The previous version required two different customer orders; one with order type DIR for items that were to be shipped direct from the vendor and one with order type REG for stock and non stock items that were to be received in and shipped out of the warehouse. With this new feature, the user can enter a REG order and then designate at the line level how the items are to be shipped.

  When the customer order is entered and stored, vendor purchase orders will be automatically created using the primary vendor in the item catalog for all direct ship line types. When the vendor ships and you receive and post the purchase order, the customer order line stage will change from NEW to SHP and is ready for invoicing.

- **Shipping notes**

  Feature 832

  You can now enter shipping notes in the customer record. When entering an order for the customer, as soon as the customer code and ship to are entered, these notes will display. You are then prompted as to whether or not you want these notes to print on the shipping documents.

- **Ability to change tax codes and tax percentages at the line item level**

  Feature 834

  In the previous version any sales tax due from the customer was calculated on the entire order at the same rate for all taxable line items. With this new feature you can change the tax code and/or the tax rate for the tax code at the line item level.

- **New purchase order notes**

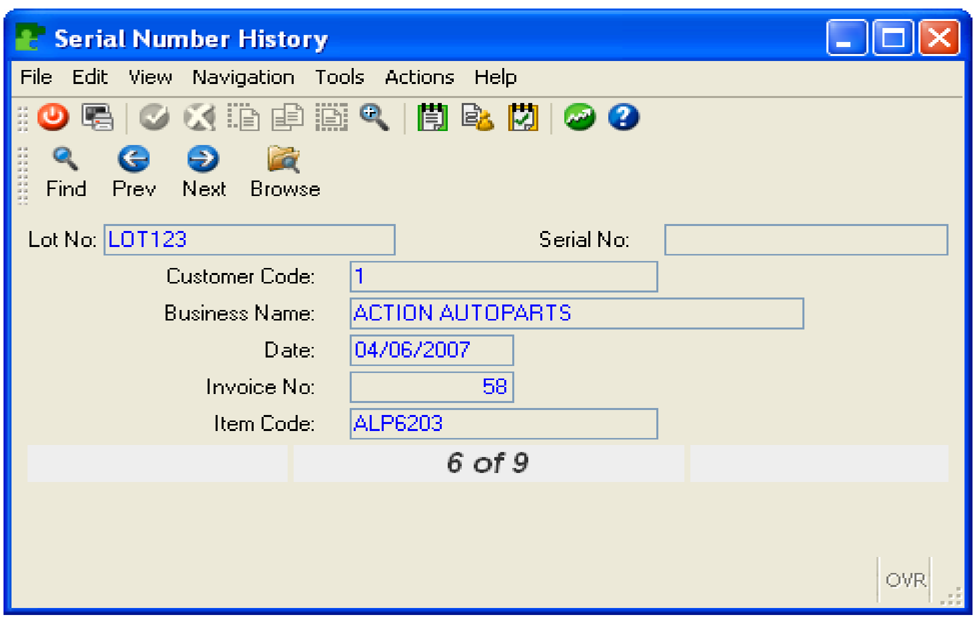
  Feature 850

  This is a new type of note that you can enter in Update Customer Orders. These notes will print on the vendor PO created when the order type is like type DIR (direct shipment from the vendor to your customer) or for any POs created for backorders through requisitions.

- **Lot/serial number inquiry screen**

  Feature 854

  With this screen program you can enter a lot number or serial number and invoice information such as invoice number, date, customer, and item code will display.



- **Line item browse**

  Feature 869

  Ability to search by item code in order entry instead of scrolling through the order detail. This is very helpful when the order has many line items

- **Line insert and delete on customer orders**

  Feature 870

User now has the ability to insert lines on a customer order by using the F1 function key or deleting lines on an order by using the F2 function key. You can also use the insert/delete line icons on the toolbar. Please note that you can only delete lines if the line stage is BKO or ORD.

➢ Auto display of notes at order entry time

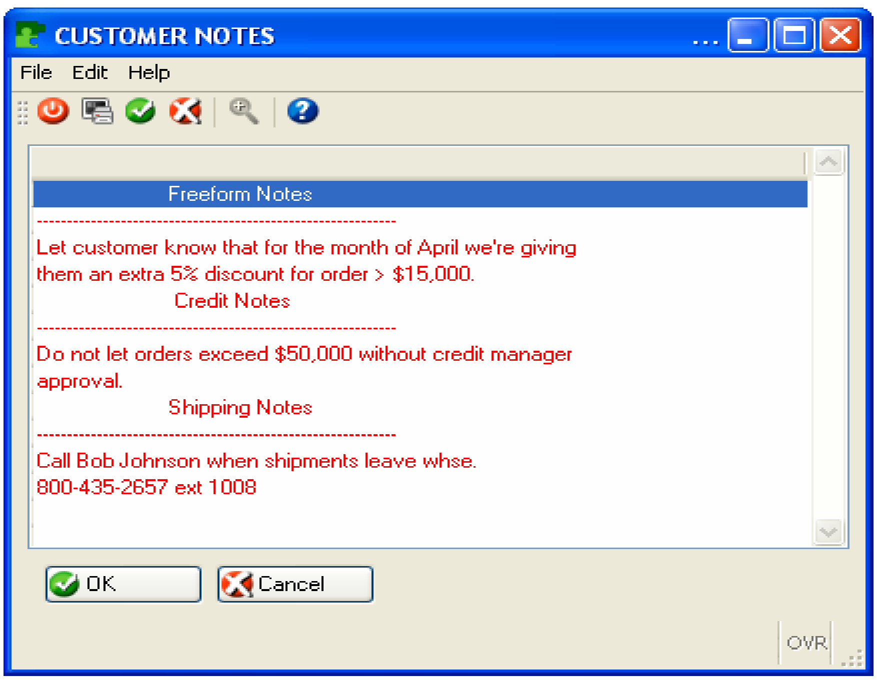
Feature 879

The following notes will automatically display after the customer code and ship to code are entered when entering a customer order.

Customer Notes

Credit notes

Shipping Notes



➢ Add ship via to header screen

Feature 881

The Ship Via field that is found on the Order Summary screen in order entry can now also be accessed from the main order entry screen.

- **Release back orders by oldest ship date instead of order date**

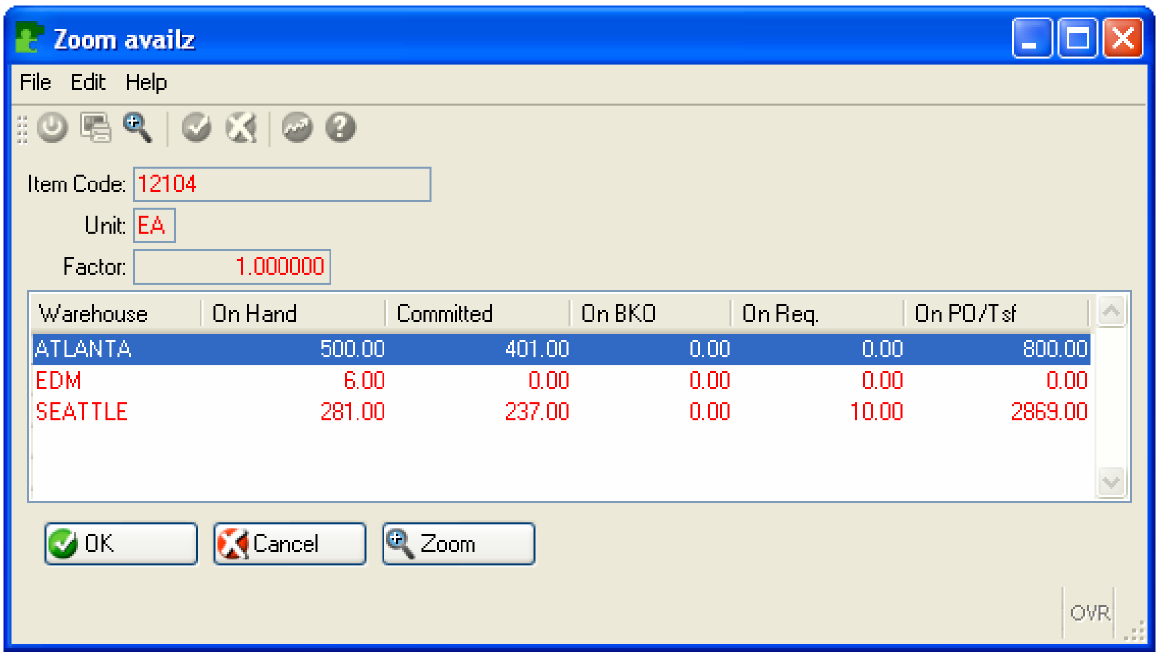
Feature 917

The Post PO Receipts program has been modified to release customer backorders based on customer orders with the oldest required ship date not the oldest order date.

- **Changes to the IC and OE item status screen.**

Feature 921

The item status screen has been changed as follows:



1. You will now see the item status in all warehouses, not just the warehouse the order is shipping from. If you decides to ship the item from another warehouse that displays, highlight the warehouse and press enter. You will be prompted "Changing the warehouse from X to Y. Do you want change (Y/N)?"

2. The status screen now contains information on warehouses transfers coming into the warehouse and leaving the warehouse.

3. You can now drill down on the following fields to view details:

   Committed- view detail of customer orders and warehouse transfers leaving the warehouse.

   On BKO- view detail of customer backorders.

   On PO/Tsf – view detail of vendor purchase orders and warehouses transfers due to be received.

- **Print detail on shipping documents if shipping from multiple warehouses**

  Feature 963

  When shipping from multiple warehouses, we now print which warehouse the remaining items are shipping from on each document.

- **Automated credit card processing**

  Feature 977

  Fitrix Order Entry has a built in interface for credit card processing. Those customers that pay by credit card have the order authorized as soon as it is stored and the transaction settled with their financial institution upon invoicing.

- **New order type for returned merchandise**

  Feature 985

  A new order type RMA has been added for returned materials. This order type behaves exactly like a credit memo (order type CRM) but unlike a credit memo a picking ticket can be printed. This picking ticket can then be sent to the customer as authorization to return the merchandise.

- **If order is greater than prepaid limit automatically change freight code**

  Feature 988

  Added an order dollar limit to the new shipping terms program and the Update Order Entry program will revise the shipping terms if the order total is above this limit. For example, the customer's default shipping terms are PREPAID 750 and the order limit is set to $750.00. What this means is that you the seller will only prepay the freight if the total order amount is equal to or greater than $750.00. If the order total is >= $750.00, the order's shipping terms will automatically change from PREPAID 750 to PREPAID and no freight will be charged to the buyer.

- **Automatic process to create invoices/memos**

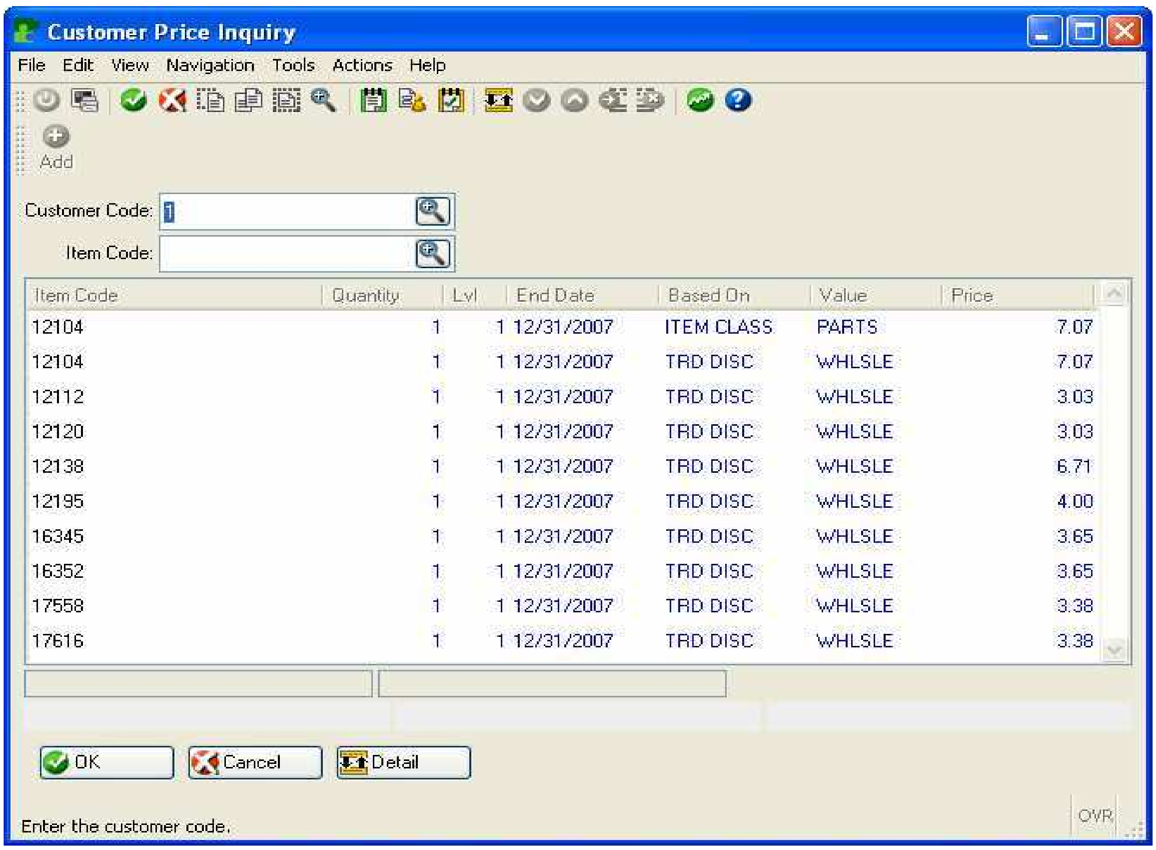
  Feature 989

  In previous versions of Fitrix, invoice records for customer orders had to be created one at a time using the Update Invoices/Memos program. This program can still be used but there is a new program " Create Automatic Invoices/Memos" that will create invoice records in batch for all order lines with the line stage equal to what you define as ready to be invoiced.

- **New customer price inquiry screen**

  Feature 990

  This screen program shows $ price per customer by item. The Special pricing screen program does not show this for all items as it does not always have a $ amount because the price is based on a customer class, an item class, etc. This screen program is helpful when a customer calls to inquire what their price is on specific items.



- **Display OE notes in Update invoice program**

  Feature 994

  You can now view any notes entered during order entry in the Update Invoices/Memos program.

- **Display trade discount code on Order Entry screen**

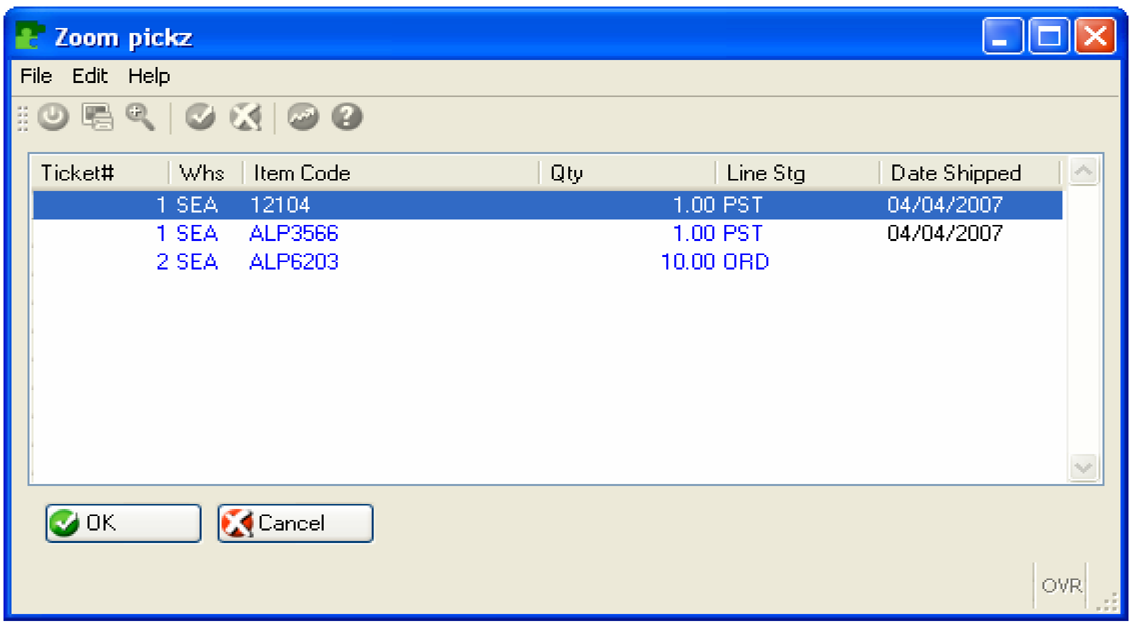
  Feature 995

  The customer’s class (aka trade discount code) is now displayed on the order entry screen so that you know what their pricing is based on.

- **New shipment status screen for orders with multiple picking tickets**

  Feature 996

  A new option has been added to the order toolbar, Pick Status, where you can view when the merchandise shipped. This is helpful when there are multiple shipments per order and the customer calls to inquire when the various items shipped.



- **Change to date logic in Order Entry posting program**

  Feature 1031

  The posting program now uses the invoice date rather than system date to determine which GL accounting period to post to.

PURCHASING

- **Prompt for customer order number when creating a requisition**

  Feature 759

  You are now prompted for the customer order number when running the Create O/E requisitions program so that you do not have to create requisitions for all backordered items at one time if you do not want to.

- **Store vendor code in non stock catalog**

  Feature 880

  A new field has been added to the Update Non Inventory Items screen for the vendor code. This vendor code will be assigned to the PO created through the requisition process.

- **Option in PO printing to only print items that are not yet received**

  Feature 929

  When reprinting a purchase order that has already been partially received you will receive a prompt “Print Only Items Not Yet Received Y/N?”. If you enter a Y only those items that have not been received will print. This is helpful when your vendor requests another copy of the purchase order and has already shipped some items on it.

- **New fields for confirmed date and on board date on PO screen**

  Feature 940

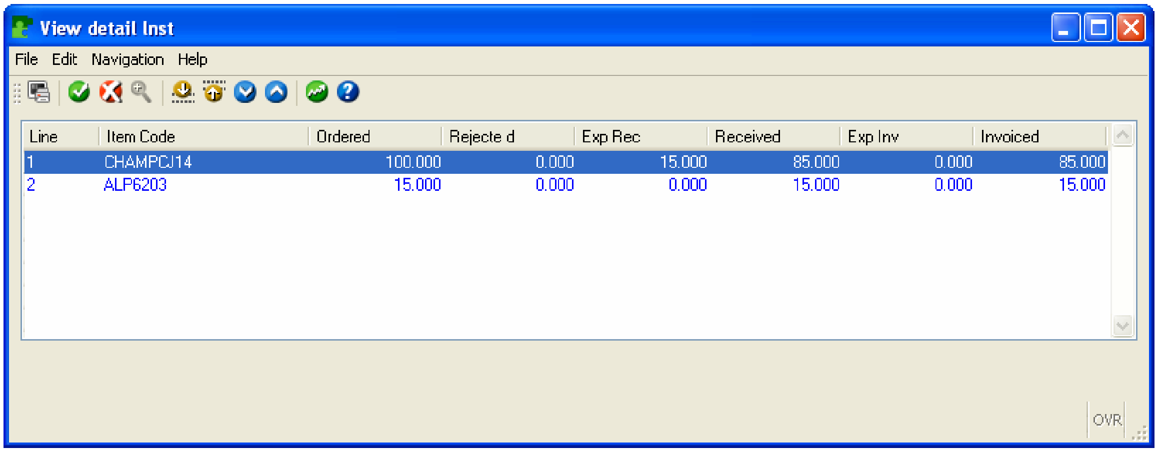
- **Disallow entry of items marked as obsolete on vendor purchase orders**

  Feature 987

- **New PO receipt status screen**

  Feature 999

  A new PO status screen has been added to the Update Purchase Order program. This screen displays the status for each line on the PO.


View detail Inst
File Edit Navigation Help
Line | Item Code | Ordered | Rejecte d | Exp Rec | Received | Exp Inv | Invoiced
1 | CHAMPCJ14 | 100.000 | 0.000 | 15.000 | 85.000 | 0.000 | 85.000
2 | ALP6203 | 15.000 | 0.000 | 0.000 | 15.000 | 0.000 | 15.000
OVR

REPLENISHMENT

- **New program that automatically generates purchase orders**

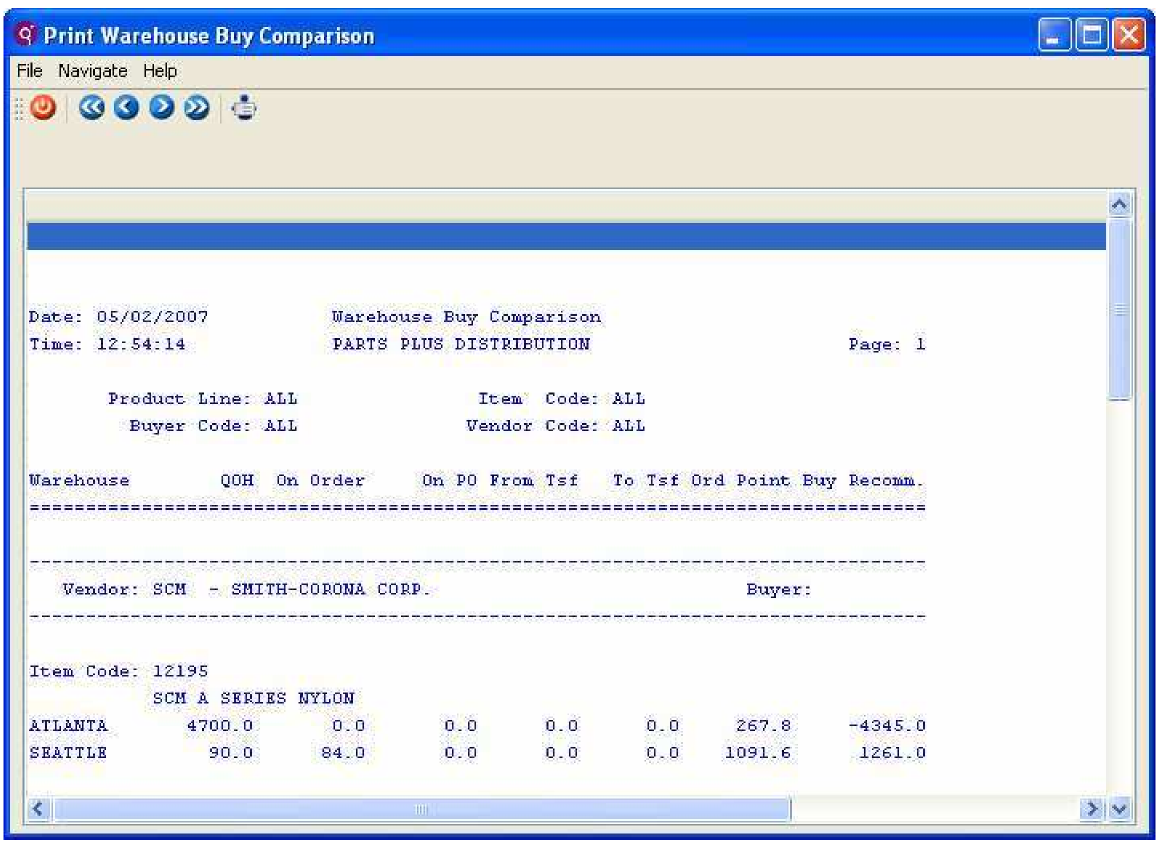
  Feature 935

  This new program will create purchase orders to your vendors based on the buy recommendations generated by the replenishment module.

- **Warehouse buy comparison report**

  Feature 939

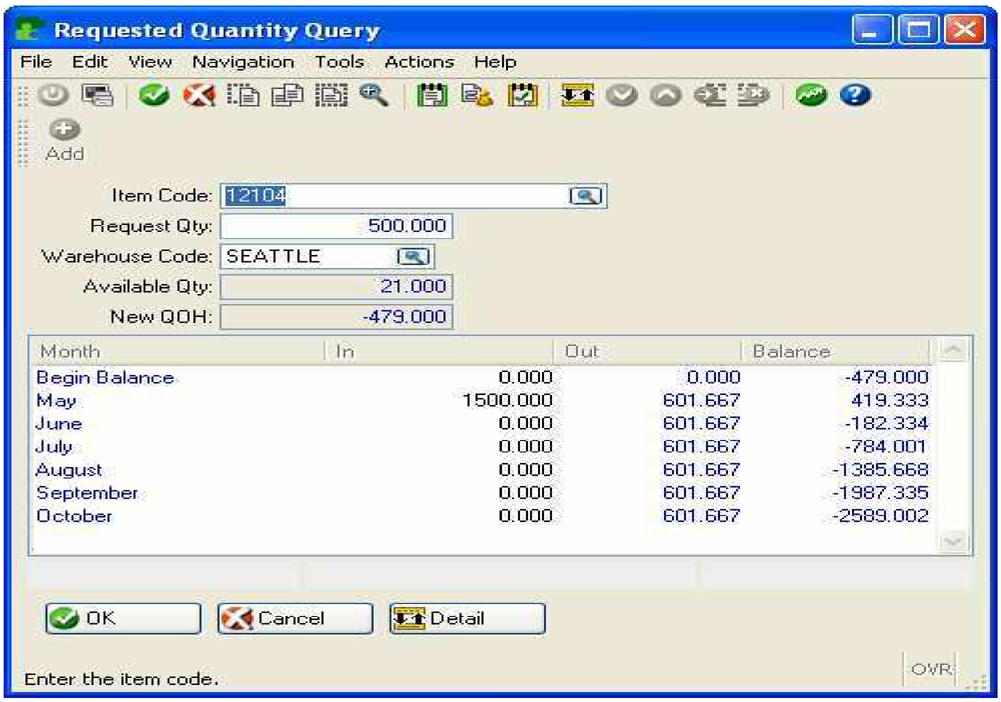
  This report shows your buyers what should be transferred rather than bought since there is an apparent overage in one warehouse for items that the system has generated a buy recommendation for in another warehouse. This report is sorted by buyer, vendor, item code. In the example below, there is an overage in the Atlanta warehouse so instead of purchasing the 1,261 recommended, a warehouse transfer should be done instead.



➢ **Request Quantity query**

Feature 943

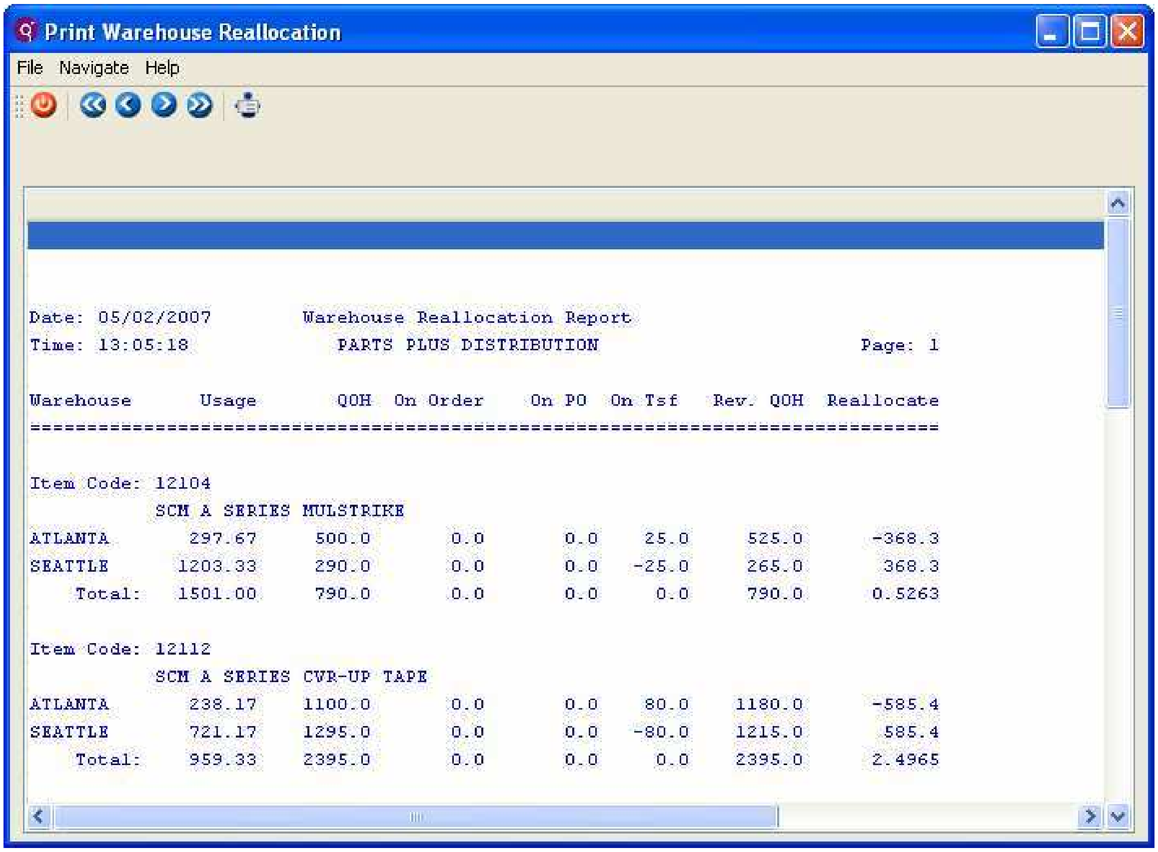
This new screen program can be found in the Order Entry module. It is used to determine the affect a possible incoming customer order will have on the quantity on hand. The out quantity is your 12 month average usage. You can zoom from the ‘in” quantity field to see incoming PO detail information.



➢ **Warehouse reallocation report**

Feature 948

The warehouse reallocation report is a tool that tells you if there is too much inventory in one warehouse which should be transferred to another warehouse. This is based on the item usage in each particular warehouse. In the example below, both items 12104 and 12112 have excess inventory in the Atlanta warehouse and this excess should be transferred to the Seattle warehouse before Seattle runs out of stock.



Date: 05/02/2007 Warehouse Reallocation Report
Time: 13:05:18 PARTS PLUS DISTRIBUTION Page: 1

Warehouse	Usage	QOH	On Order	On PO	On Tsf	Rev. QOH	Reallocate
Item Code: 12104							
SCM A SERIES MULSTRIKE							
ATLANTA	297.67	500.0	0.0	0.0	25.0	525.0	-368.3
SEATTLE	1203.33	290.0	0.0	0.0	-25.0	265.0	368.3
Total:	1501.00	790.0	0.0	0.0	0.0	790.0	0.5263
Item Code: 12112							
SCM A SERIES CVR-UP TAPE							
ATLANTA	238.17	1100.0	0.0	0.0	80.0	1180.0	-585.4
SEATTLE	721.17	1295.0	0.0	0.0	-80.0	1215.0	585.4
Total:	959.33	2395.0	0.0	0.0	0.0	2395.0	2.4965

- **Additional information on the Emergency Buy report**

Feature 964

A lot of additional information has been added to this daily expedite report so that everything you need to make an emergency buying decision is at your fingertips. It now includes:

Next review date
Buyer code
Vendor Lead time
Quantity on hand
Information on purchase orders coming in
Customer orders or warehouse transfers out pending
Warehouse transfer in
Available calculation of QOH + On PO – On Order + On Transfers

- **New fields on Update Usage screen program**

  Feature 970

  Added new fields that display total usage, average usage, and buyer code.

- **Ability to print only items with specific usage % variance from average**

  Feature 972

  Modified the Usage Review report so that you can run it only for those items that have a usage variance from average variance of a percentage you specify (Ex- you only want to review the usage for those items where usage calculated on the report is 15% higher or lower than average usage for the last three months.

MODIFIED TABLES

ALL MODULE

Table	Column	Type
stxchrtr	manual_journal	char(1)
stxcntrc	html_serialno	char(12)
	advance_serialno	char(12)
	server_timeout	char(8)
	server_url	char(60)
	trn_auth_api	char(60)
	trn_sts_req_api	char(60)
	trn_chg_req_api	char(60)
	batch_upd_api	char(60)
	batch_sts_req_api	char(60)
	batch_chg_req_api	char(60)
	ccard_on	char(1)
stxinfor	src_email	char(50)
	src_phone	char(20)
	src_cell	char(20)
	src_fax	char(20)
stxmtaxd	inv_no	increased to char(20)
stxtranr	user_id	char(8)
	ref_code	increased to char(20)

AP MODULE

Table	Column	Type
stp1099	cat_11_amt	decimal(12)
	cat_12_amt	decimal(12)
	cat_13_amt	decimal(12)
	cat_14_amt	decimal(12)
	cat_15_amt	decimal(12)
	vend_code	increased to char(20)
stpcashd	inv_no	increased to char(20)
stpcashe	orig_journal	char(2)

	trans_doc_no	integer
	posted	char(1)
	vend_code	increased to char(20)
stpinvce	inv_no	increased to char(20)
stpinvce	recurr_cnt	integer
	orig_journal	char(2)
	trans_doc_no	integer
	vend_code	increased to char(20)
stpopend	iinv_no	increased to char(20)
	vend_code	increased to char(20)
stppytor	email	char(50)
	web_address	char(50)
	cell_phone	char(20)
	fax_phone	char(20)
	vend_code	increased to char(20)
stpvendr	mtax_frght	char(6)
	mtax_misc	char(6)
	email	char(50)
	web_address	char(50)
	cell_phone	char(20)
	vend_code	increased to char(20)

AR MODULE

Table	Column	Type
strcashd	memo_amt	decimal(12,2)
	memo_no	char(10)
	memo_desc	char(30)
	memo_acct	integer
	memo_dept	char(3)
	memo_deb_cred	char(2)
	memo_date	date
strcashe	orig_journa	char(2)
	trans_doc_no	integer
	posted	char(1)
	cust_code	increased to char(20)
strcntrc	age_per4	smallint
	age_per5	smallint

	age_per6	smallint
	age_dsc5	char(15)
	age_dsc6	char(15)
	age_dsc7	char(15)
	per_no	smallint
	woff_acct_no	integer
strcustr	ship_terms	char(15)
	ups_account	char(10)
	email	char(50)
	web_address	char(50)
	cell_phone	char(20)
	credit_hold	char(1)
	cust_code	increased to char(20)
	bridge_code	increased to char(20)
	credit_manager	char(8)
	credit_letter	char(1)
	credit_hold_date	date
	residential_cust	char(1)
	ship_complete	char(1)
strinvce	orig_journal	char(2)
	trans_doc_no	integer
	cust_code	increased to char(20)
	doc_date	date
stropend	cust_code	increased to char(20)
strshipr	ship_terms	char(15)
	email	char(50)
	web_address	char(50)
	cell_phone	char(20)
	fax_phone	char(20)
	cust_code	char(20)
	residential_cust	char(1)

FIXED ASSETS

Table	Column	Type
stfasstr	vend_code	char(20)

GENERAL LEDGER

Table	Column	Type
stgcntrc	purge_date	date
	periods_back	smallint
	periods_forward	smallint
	period_password	char(8)
stgjoure	user_id	char(8)
	orig_journal	char(2)
	trans_doc_no	integer

INVENTORY CONTROL

Table	Column	Type
stiadjme	orig_journal	char(2)
	trans_doc_no	integer
	posted	char(1)
sticadje	orig_journal	char(2)
	trans_doc_no	integer
	posted	char(1)
sticstvr	vend_code	increased to char(20)
stinvtr	vend_code	increased to char(20)
	incr_sell_unit	decimal(10)
	incr_purch_unit	decimal(10)
stilocar	req_profit_pct	decimal(6)
	vend_code	increased to char(20)
stipurce	vend_code	increased to char(20)
stiselle	cust_code	char(20)
stiserld	vend_code	increased to char(20)
stitrand	unit_cost	decimal(12)
stitrane	from_wh	char(10)
	to_wh	char(10)
	eta_date	date
	freight_amt	decimal(12,2)
	freight_acct	integer
	freight_dept	char(3)
stiwhser	email	char(50)
	fax_phone	char(20)

ORDER ENTRY

Table	Column	Type
stoordre	actual_frght_amt	decimal(12)
stocntrc	ship_terms	char(15)
	req_profit_pct	decimal(16)
	one_time_cust	increased to char(20)
	cust_code	increased to char(20)
	inv_stage	char(3)
stoinvce	ship_terms	char(15)
	mtaxg_code	char(6)
	cust_code	increased to char(20)
	sell_to_code	increased to char(20)
stoordre	ship_terms	char(15)
	residential_cust	char(1)
	email	char(50)
	ups_account	char(10)
	mtaxg_code	char(6)
	cust_code	increased to char(20)
	bill_to_code	increased to char(20)
	ship_complete	char(1)
stoordrd	mtax_freight	char(6)
	vend_code	increased to char(20)
stoakasr	cust_code	increased to char(20)
stocustr	cust_code	increased to char(20)
stopricr	cust_code	increased to char(20)
stoshipd	bill_to_code	increased to char(20)
	sell_to_code	increased to char(20)

PURCHASING

Table	Column	Type
stuordrd	unit_tax	decimal(12)
	confirm_date	date
	on_board_date	date
stuordre	cust_code	increased to char(20)
	vend_code	increased to char(20)
	confirm_date	date
	on_board_date	date
stuctlgd	vendor_code	increased to char(20)

stuprice	vend_code	increased to char(20)
sturqstd	vend_code	increased to char(20)
stuinvcd	cost	decimal(12,2) to decimal(12,3)
stuinvce	inv_no	increased to char(20)

PAYROLL

Table	Column	Type
stypayre	orig_journal	char(2)
	trans_doc_no	integer
	posted	char(1)
styemplr	email	char(50)
	cell_phone	char(20)

REPLENISHMENT

Table	Column	Type
stiaporr	vend_code	increased to char(20)
stiprlne	vend_code	increased to char(20)
stirldtr	vend_code	increased to char(20)
stirrare	vend_code	increased to char(20)
	po_no	char(10)
stirrard	on_po_qty	decimal(10)
	from_tran_qty	decimal(10)
	to_tran_qty	decimal(10)
	qty_on_hand	decimal(10)
	order_point_qty	decimal(10)
stiusger	line_code	char(6)
	buyer_code	char(6)

NEW TABLES

ACCOUNTS RECEIVABLE

Table	Column	Type
strcnotd	doc_no	integer
	cust_code	char(20)
	note_date	date
	user_id	char(8)
stirlettd	cust_code	char(20)
	letter_code	char(8)
	letter_date	date
strletre	letter_code	char(8)
	description	char(30)
	due_days	smallint
	credit_hold	char(1)
strletrd	letter_code	char(8)
	line_no	smallint
	text	char(65)
strletsd	letter_code	char(8)
	special_chars	char(4)
	data_source	char(255)
strmemod	doc_no	integer
	inv_doc_no	integer
	line_no	smallint
	memo_amt	decimal(12,2)
	memo_no	char(10)
	memo_desc	char(30)
	memo_acct	integer
	memo_dept	char(3)
	memo_deb_cred	char(2)
	memo_date	date
strmrgcr	old_cust_code	char(20)
	new_cust_code	char(20)
	data_type	char(50)
	line_no	smallint
	label_line	char(15)
	data	char(60)

INVENTORY CONTROL

Table	Column	Type
stiarinv	item_code	char(20)
	item_type	char(1)
	item_class	char(6)
	price_group	char(6)
	desc1	char(30)
	desc2	char(30)
	weight	decimal(8,3)
	weight_unit	char(2)
	volume	decimal(8,3)
	inv_acct_no	integer
	cog_acct_no	integer
	sales_acct_no	integer
	sell_unit	char(2)
	bill_unit	char(2)
	stock_unit	char(2)
	purch_unit	char(2)
	sell_factor	decimal(6)
	bill_factor	decimal(6)
	purch_factor	decimal(6)
	serialized	char(1)
	market_price	char(1)
	commodity_code	char(10)
	vend_code	char(20)
	incr_sell_unit	decimal(10)
	incr_purch_unit	decimal(10)
	last_purchased	date
	last_sold	date
	last_activity	date
stiarloc	item_code	char(20)
	warehouse_code	char(10)
	line_no	smallint
	count_cycle	char(1)
	purchase_date	date
	count_date	date
	sold_date	date
	obsolete	char(1)
	inactive_date	date
	lst_act_date	date
	loc_aisle	char(4)
	loc_row	char(3)
	loc_bin	char(3)
	stock_location	char(12)
	avg_unit_cost	decimal(12)
	purch_unit_cost	decimal(12)
	last_cost	decimal(12)
	comm_code	char(6)
	price	decimal(12)
	allow_bo	char(1)
	taxable	char(1)
	terms_disc	char(1)

	trade_disc	char(1)
	vend_code	char(20)
	vend_prod_no	char(20)
	abc_code	char(1)
	reorder_point	decimal(10)
	qty_reorder	decimal(10)
	safety_stock	decimal(10)
	safety_factor	decimal(6)
	qty_on_hand	decimal(10)
	last_qty	decimal(10)
	stk_out_date	date
	seasonal	char(1)
	avg_ld_tm	decimal(5,2)
	lst_ld_tm	smallint
	pri_ld_tm	smallint
	freez_flag	char(1)
	freez_date	date
	freez_expir	date
	min_sell_qty	decimal(10)
	usage_rate	decimal(10)
	req_profit_pct	decimal(6)

ORDER ENTRY

Table	Column	Type
stoshtxd	doc_no	integer
	line_no	smallint
	ship_no	smallint
	tax_code	char(6)
	tax_rate	decimal(6)
	net_amt	decimal(12)
	tax_amt	decimal(12)
stoshpar	ship_lookup_key	char(40)
	ship_custcode	char(20)
	ship_name	char(30)
	ship_addr1	char(30)
	ship_addr2	char(30)
	ship_city	char(20)
	ship_state	char(2)
	ship_zip	char(10)
	ship_country	char(20)
	ship_contact	char(20)
	ship_phone	char(20)
	ship_send_type	char(30)
	billing_option	char(20)
	ups_account	char(10)
	po_no	char(24)
	order_no	char(10)
	email_address	char(50)
	qvn_option	char(1)
	residential_cust	char(1)
	fax_email	char(6)

	ship_notify	char(1)
stoshpfr	pack_lookup_key	char(40)
	pack_tracking_no	char(40)
	pack_freight	decimal(10,2)
	pack_shp_date	char(10)
	pack_shp_boxes	char(4)
	pack_void_flag	char(1)
	pack_del_date	date
	pack_del_city	char(20)
	pack_del_state	char(2)
	pack_del_type	char(20)
	pack_timestamp	datetime year to second
	order_no	char(10)
	shp_weight	decimal(9,1)
	shp_cost	decimal(10,2)
stoshptr	ship_terms	char(15)
	description	char(50)
	invoice_freight	char(1)
	order_limit	decimal(12,2)
stocclog	html_serialno	char(12)
	cc_batch_id	char(12)
	cc_batch_date	date

REPLENISHMENT

Table	Column	Type
stiwhall	item_code	char(20)
	warehouse_code	char(10)
	usage_qty	decimal(10)
	qty_on_hand	decimal(10)
	on_order_qty	decimal(10)
	on_po_qty	decimal(10)
	on_tran_qty	decimal(10)
	avail_qty	decimal(10)
	reallocate_qty	decimal(10)
	reallocate_factor	decimal(10)
stisfltr	colname	char(37)
	scr_colname	char(37)

SUPPLEMENTAL PATCHES AND ENHANCEMENTS

Accessing Fourth Generation's FTP site

All patches and enhancements that apply to the Fourth Generation products are posted to our FTP site on the internet as soon as they are made available.

These supplements are supplied as complete program directories with the patches or enhancements fully applied to the program and tested. An 'INFO' file in each program directory will explain the changes applied.

To access our FTP site on the internet:

1. Go to ftp.fourthgeneration.com
2. Login: fg_cust
3. Password: fourth9
4. Click on the directory named patches.
5. Click on the README_patches file for general information.
6. Click on the directory of the version of the product you are running to see what patches/enhancements are available.

We highly recommend that you visit our FTP site once every month.

Installing Supplemental Patches and Enhancements

Naming Conventions

> **Note:** In the instructions below the version number is 5.20. If you are running version 4.10 or earlier change the instructions to use your version number

The following naming conventions are used for program and menu directories delivered on the 5.20 media:

.4gs - latest released version. If a directory named .520.x exists , the files in the .4gs directory will be identical.

.520 - version 5.20 as originally released (menu directories have no extension). This directory will only exist if patches exist for the program.

.520.a - 1st patched version of a program or menu directory

.520.b - 2nd patched version of a program or menu directory (includes any patches in .520.a version).

Program Installation procedures

▫ Follow the standard installation procedures to <u>*extract*</u> ***but not compile*** the accounting modules (this step assumes you are installing the entire new version, if you are only installing supplements downloaded from the ftp site, proceed with the next step:)

▫ find all program directories with a name matching: '*.520.*'

▫ for each program directory found above:

▫ if there is no '*.520' version of the program, rename the .4gs program directory to *.520 (if there is already a .520 version of the program, this step should be omitted)
(this is to preserve the original copy just in case it is needed later, and will serve as notice that the supplement has been applied)

▫ create a new .4gs program directory by making a copy of the supplement directory. If more than one supplement directory exists, use the one that has the highest letter.
(i.e. if there is a *i_cashe.520.c*, copy the entire directory to *i_cashe.4gs*)
(the supplements are cumulative, so the highest letter has all the supplements for that program, only the highest supplement letters are distributed on the media)

▫ repeat the standard installation procedures, but this time
compile ***but do not extract*** the accounting modules.

Menu Installation procedures

▫ find all menu directories with a name matching: '*.520.*'

▫ for each menu directory found above:

▫ if there is no '*.520' version of the menu directory, rename the existing menu directory to *.520 (if there is already a .520 version of the menu directory, this step should be omitted)
(this is to preserve the original copy just in case it is needed later, and will serve as notice that the supplement has been applied)

▫ create a new menu directory by making a copy of the supplement directory. If more than one supplement directory exists, use the one that has the highest letter.
(i.e. if there is a *reports.520.c*, copy the entire directory to *reports*)

The supplements are cumulative, so the highest letter has all the patches and enhancements for that menu, only the highest patch letters are distributed on the media