

## Software Modifications Log

\*v704.083

-02/03/10 Rewrote the "Sales/Purchases History Report" to use open date ranges not tied to current accounting period ranges.

\*v704.081-2

-05/10/09 Added functionality for the Hong Kong installations and more Lawson integration.

\*v704.08

-03/11/08 Added Accounting Library additions for "LAWSON" accounting system.

\*v704.0677 - v704.078

-fall 2007 Various polling routines added for currently hosted accounting clients.

\*v704.0676

-08/20/07 Fixed reset of transmission variables which were getting set to false inappropriately when changing a unit from Master to Slave or from Slave to Master. This did not affect data, but could keep a unit from sending data transmissions if the application was not restarted after such a re-assignment of Master/Slave status.

\*v704.0675

-08/01/07 Instituted expiration date checks with central SOAP server.

\*v704.0619- v704.0674

-07/01/07 Numerous small additions for Purple P&L bookkeeping services, our sister company. None of these changes would affect outside customers as nearly all are in support of very specific PP&L polling routines.

\*v704.0618

-07/24/06 Fixed a bug in the new Merge Delivery Docs setup screen that had a non-initialized variable and could keep the routine from completing.

\*v704.0617b

-07/24/06 Very small change within a report screen: Closed invoices/invoice log summary/"use on screen records" button not getting initialized properly.

\*v704.0617

-07/05/06 changed polling routine for selected POS Systems to adjust for 24:20 type data being converted to 00:20 time with proper (next day) date

\*v704.0616a

-06/04/06 Changed Choice list routines to not look for the bullet char because of Hong Kong fonts display problem

\*v704.0616

-06/01/06 Minor addition of Del Docs Merge dialog to put everything in one place

\*v704.0615

-05/03/0 Minor (major as it turns out) math change BACK TO PREVIOUS MATH in FIFO \$mod calc (xx\*\$mod vs xx/\$mod)

\*v704.0614

-04/21/06 Locks down slave a bit more and fixes QB labor date format (2006-->06).

\*v704.0613

-04/18/06 Small change to some math used internally for inventory valuations calculated using FIFO using a count of "each" when it is purchased by the pound (i.e. steak purchased by pound, but counted by each, "each" being a 10 ounce steak) - when the usage has to be translated into a portion of pounds purchased over a number of invoices.

\*v704.0612  
-04/13/06 Small change to the way Delivery Dockets are queried to fix occasional instances when some may be sent to accounting prior to being merged into legit invoices.

\*v704.0611  
-02/06/06 Fixed non incrementing Invoice numbers for multiple Unit Transfers per day.

\*v704.0610  
-1/29/06 Bug fixed in ASCII UPDATER for inventory.

\*v704.0609  
-1/20/06 Modified the Merge Delivery Dockets routine to account for new GST/TAX total that may have different rounding results for one invoice that contains several smaller totals. Also added checks to insure the newly merged invoice total matches the sum total for Del Docs being merged.

\*v704.0607-8  
-1/15/06 Added several polling routines for Squirrel POS system.

\*v704.0606  
-12/23/05 Added recipe and batch item ingredient updation upon import of products and inventory "updaters" from a corporate master file.

\*v704.0605  
-12/21/05 Added "Rebuild all indexes" to Admin Area. Changed the scope from single field to all fields in table. Fixed import bug for master/slave data updater for Menu Items Ingredients. Fixed problem with vendor product clone/assignment screen. Made "NEW RECORD" unavailable to Slave installation.

\*v704.0604  
-12/14/05 New Export/Import routines installed to service Master/Slave installations so that records can be updated at the data level without totally replacing full records. Binary routines replace complete records. ASCII routines replace specific data fields only.

\*v704.0603  
-12/12/05 Internal "timing logs" enabled for certain sites to track user usage of program and time in use for analysis of job and work flow on site.

\*v704.0602  
-12/10/05 Several tweaks throughout date selection screens to better accommodate period 13 log month selection. Enhancement to the Invoice Log print jobs to sharpen the focus on the way the data was found. (i.e. by date or log month)

\*v704.0601  
-12/04/05 Several Action items addressed. User can no longer post sales before entering qty; Raw Waste moved to Mgmt area; fast find added for open delivery dockets; number of open del dockets added to month end close screen; Inventory Detail Value Report completely rewritten to combine Units Usage with Value Usage on one screen; user can assign multiple products to multiple vendors from one screen; Product Transfer printing added.

\*v704.0600  
-11/23/05 Fixed polling problem with POS systems that output midnight as 12:00am or 24:00. This was computing to 00:00:00, a "null" time (or zero time) within the 4D time-math calculations, which made that polling instance calculate 0.00 hrs.

\*v704.059901-09b

-11/20/05 Fixed closing month end so that interim product sales zeroed correctly; finalized Positouch payroll transmission and polling tweaks; added many of the interim closing routines into the monthly closing routines to account for posted entry beyond the closing date; added ability to merge delivery docs over multiple log months; added "work timer" log to certain Purple P&L installations to better account for and track time spent on database operations.

\*v704.0599

-11/05/05 Positouch Polling additions; Several small issues from punch list such as move all raw waste entry to own section accessible from Mgmt button; prevent duplicate invoices by checking total amounts; print product transfer document from transfers screen; ability to apply vendors to multiple products at once added; tweaks to delivery docs module to clean up user interface and transmission to accounting.

\*v704.0598

-10/25/05 Total rework of Product Waste, Product Sales, and Raw waste Mgmt during closing periods and printing of variance reports so that data beyond the report or closing date is not used in calculations.

\*v704.0597a

-10/25/05 Methods embedded to clean up waste posting and unposting that were not calculating properly for interim periods.

\*v704.0597

-10/14/05 Numerous small modifications and additions: Contract Price added to Product table. This price changes only when user consciously changes it manually. It is there as a flag on historical price change reports. Major addition to Password setup so that data entry users can be locked out of changes to inventory and product tables. Flag added for a "pre-invoice" in the form of a "Delivery Docket". This is a collection of several deliveries that will eventually be paid with one invoice, such as daily bread deliveries during a week with one invoice arriving encompassing all deliveries. The user can merge several delivery dockets into that one "official" invoice and then that invoice will be transmitted to central accounting. Check was added so that DSRs could not be entered twice for same day. User can no longer change a product price to zero from within an Invoice. Some report searches were enhanced to include extra criteria. Bug fixed in Weekly Figures MTD when printing an older date range within a prior period.

\*v704.0596

-09/30/05 Total rewrite of the Product Ordering routines on the Management Menu. This routine now includes a page that calculates last weeks sales and the previous year sales for that same week. It then computes "next weeks" sales adding a user defined percentage increase. When the user goes to the next page, the system uses the user projected sales to compute expected usage as calculated from last week's usage, and based upon the time of "coverage" from the order date through the expected delivery date. A "usage factor" is used in this calculation that is generated when one closes each interim period and monthly period.

\*v704.0595

-09/23/05 Total rewrite of the Variance Reporting System. Simpler and less complex than the previous system yet reports much more information for the user. Also adds more direct reporting of Raw Waste and Product waste amounts and values. Also contains added functionality to the "Close Interim Period" routines and adds checks to make sure user is not missing some polling data prior to printing the variance report.

\*v704.0594

-09/20/05 Major changes and enhancements to the Count Forms Generation routines. These routines now give the user the ability to directly create a formatted Excel

spreadsheet with formulas for entering counts. These can then be directly imported from the excel spreadsheet, making it much easier to move the sheets around electronically.

Major additions were made to enable much better generation and importation of count forms By Location, including the ability to sequence stock within each location or multiple locations. This allows count forms to conform to the layout of any room and to accommodate the counting and importation of the same product in many locations.

\*v704.0591i

-08/31/05 Interim versions are mostly minor internal changes to help with building new data files from scratch. Buttons were added to Company Record screen page 1 to allow better control of product and invoice "next sequence numbers". Tweaks were made to the Pack Unit and vendor/product import/exports.

\*v704.0591e

-08/25/05 Interim versions add several small screen changes and tweaks. The main change was the way pack units are updated, so that they are not simply replaced. They are now "added" to in order to facilitate combining pack units from multiple sites into more comprehensive Master Pack Lists.

\*v704.0591

-08/17/05 This version adds some fairly major additions to DSRs and to the Checkout screen to make handling easier for Register Cash Drawer checkouts. 6 new user defined Misc Alpha Fields were added to the DSR. The setup screen for these fields is on the same page as the existing 15 Misc Numeric fields.

Additional fields for Cash Drops were added to the Cashout screen and these track down to the CheckOut Report. Another field was added to the Cashout screen for cash drawer "Float" or "Level". The math assumes a certain amount of the "cash due" will be kept out to fund the cash drawer at next shift.

A "Shift CheckOut Report" was added to the Checkout reports list. This report allows for reporting on specific Shifts. Previous versions allow only for a single complete DAY and was not helpful for operations needing to track distinct checkouts during each day.

\*v704.0590

-08/11/05 All reports were modified to toggle between A4 and US Letter Paper size formats. Variance Reports were modified extensively to utilize the new "waste" field on Polling. Not all POS systems report this field. When reported, CRS will decrement Inventory using Qty Waste as well as Qty Sold.

\*v704.0589

-08/05/05 Polling routines added and finalized for RMS Australian market and for Micros Enterprise warehouse polling.

\*v704.0588

-7/29/05 Polling routines were added for some Micros Enterprise warehouse data. Some changes were made to Petty Cash Receipt creation during Auto polling that is used in some other polling routines. These should make assigning GL Accounts to new Petty Cash expenditures more accurate.

\*v704.0587

-7/21/05 Polling routines were added for RMS Australian market. Invoice Transmission from unit to Accounting was expanded to include a Credit Note Explanation field.

\*v704.0586a

-7/19/05 Polling for RMS Australian market was imbedded. New GST Tax field was added to Product file to accommodate Great Plains usage.

\*v704.0586

-7/18/05 Most interim changes since last version relate to additions of several POS polling routines and therefore are not upgrades or fixes for installed users. Also, many additions and changes were made to StarNet transmissions to better serve accounting software in the Australian market.

\*v704.0580

-5/11/05 The Inventory Count Forms were re-formatted to show more data related to short interim count periods. Columns were moved and one column was added to show the inventory units counted at last count plus purchases since then. In order for this column to correctly display, the user must "close" the interim period which will move the count to the beginning of that period and restart the purchases count for each inventory item. This facilitates doing weekly counts with a better eye on variances since last count.

\*v704.0573

-4/22/05 When printing the Inventory Count Forms, you can now generate a spreadsheet document with the same information. This can be filled out and returned to admin and then imported into the database. This facilitates taking inventory off site and sending a filled in count form to central corp accounting for quick updates to inventory counts.

-4/21/05 A small fix was applied to inventory count entry so that any change to counting units anywhere in the database will update the "unit of count" stored in the ending counting unit field. Previously this did not update until you actually entered a count into the ending count field. It did not affect inventory value, but it could be confusing because the print display for an item that had no count did not display an updated ending count unit.

\*v704.057

-4/15/05 The weekly START day system was updated to accommodate any weekly "period" (as in Sun-Sat, Thur-Wed, Tue-Mon, Wed-Tue, etc.) This system was also embedded into all date search screens to reflect the day system in use.

-4/15/05 A new field was added to Inventory to allow the user to print inventory forms in a specific sequence assignable to every record regardless of description, vendor, location, GLCode, etc. A new sorting mechanism was added to many reports to make report ordering more flexible and to take advantage of the new sequence field. This allows much finer control in the printing of Inventory Count Forms.

v704.055a

-3/22/05 List storage field lengths were changed to conform to new DSR field labels. Note: this will cause an error the first time the user opens existing data. "Continue" through the error and it will not show up again. This version greatly enhances Aloha POS polling.

\*v704.055

-3/1/05 New fields were added to the DSR for Accounting Department Transmissions for extra "misc" data and to better sync with StarNet and StarNetWEB.

-3/1/05 Weekly Figures Transmission to StarNetWEB was tweaked to better format number data

-3/1/05 Micros3700 Clock Records Import was tweaked to better track someone who has OT hours listed, but no regular hours noted.

\*v704.054

-12/20/04 Polling routines added for multiple groups through several versions. TEC polling tweaks. Aloha polling tweaks. Systech IP Modem WAN Polling added.

-12/22/04 One change made to DSR Cross-Ref from DSR to Checkout and back to recalculate credit card totals directly.

\*v704.041

-12/15/04 Polling routines added for multiple groups through several versions. Polling routines added for WAN access to Micros3700 series.

\*v704.035  
-11/15/04 Added new Aloha polling support routines.  
-11/15/04 Tweaked internal memory usage levels.

\*v704.034  
-11/04/04 Added sort buttons to headers on output lists to speed data browsing/mgmt.

\*v704.033  
-11/01/04 Upgraded compiler engine to v704. Numerous tweaks to sync with StarNet Ops and StarNet Web better.

\*v703.0064  
-09/29/04 Changed the query field for Labor Summary Report so that it uses the employee payroll field instead of the reusable "register" number.

\*v703.0063  
-09/15/04 Fixed delete routine to check log month using new 13 period system. This is a necessary fix if periods usage is non-standard, to insure current period invoices are properly moved back to open status instead of simple deletion.

\*v703.0062  
-09/10/04 Added Export/Import capability to Invoices.

\*v703.006  
-08/04/04 Addition of new Micros 3700 polling routines for Employee Checkouts.

\*v703.005  
-06/11/04 Major Addition: This version includes a new Labor Setup Section to allow certain units to report payroll per person as a "level" of pay, regardless of the department code worked. It leaves all the functionality of departmental reporting intact (such as stations worked and percentages of labor costs broken out by station), but it allows certain payroll routines to export only the "pay level", not the department or hourly rate.

\*v703.004  
-06/01/04 Added a labor export routine to the payroll library for "QuickBooks".

\*v703.002  
-04/29/04 MAJOR UPGRADE: This version installs a new methodology for handling accounting periods. Past versions used only fiscal year 12 monthly periods Jan1 to Dec31. This version adds two new setups: a "perfect 13 period" year based upon 4 perfect weeks per period with any starting date, as well as a totally open User Defined setup that can handle any period definition. All methods can also be setup to make use of a special "13<sup>th</sup> adjustment period".  
-04/15/04 Moved to new 4D engine v7.03 for compiler.

\*v702.0183  
-04/09/04 Changes made to make transmissions to "Regional Ops" much more automatic to lessen user workload. DSRs no longer batched into same transmittal document.

\*v702.0182  
-04/08/04 Data Cache setting increased to address batched invoice closing problems on older machines. Checkout Server page enter key event cue tweaked.

\*v702.0181a  
-03/30/04 Minor changes made as user requests: PPA no longer rounds up; enter key on checkout server page now creates a tab, not an accept record event.

\*v702.0181  
-03/25/04 Routine added that steps through all records that pre-date current engine (Aug 2004) to re-type several fields that had data type changed from alpha to real. This has been found to be the cause for batch invoice closing problems on isolated installations. This problem should now be fixed.

\*v702.0179  
-03/15/04 Product Mix report tweaked to fix printing overrun on some ink jet printers

\*v702.0177  
-02/27/04 Internal polling routines added for expanded POS support.  
Product Mix report Added - prints weekly PMix using a 4 week matrix.

\*v702.0176  
-02/06/04 Flash report printing fixed to properly find only GL records for current year. New GL system implanted during 2003 was missing one line in search routine to keep P&L contained within current year only.

\*v702.0175  
-02/05/04 New "skin" applied throughout. All screens made bigger. All entry screens opened up with bigger screen area available.

\*v702.0174  
-01/26/04 Support added for Pocket Cheff POS system. Internal Compiler Engine update.

\*v701.0172  
-12/19/03 Changes made to the Panasonic 7500 polling routines to better manage Panpoll import documents on disk.  
Overtime calculations tweaked to protect installations with Daily OT calculations turn on and Weekly OT Calc turned off.  
Several changes/additions made to internal accounting libraries for transmittals to central accounting department. (Non User Interface Changes)

\*v701.0171  
-12/16/03 Several Interim changes made to the Closing Invoices Routine to better manage large batch closings.

\*v701.0164  
-12/11/03 Added ASCII mapping to accommodate special Spanish characters for selected accounting export routines.

\*v701.0163  
-12/02/03 Tweaked Closing Invoices to better manage large batch closings.  
-12/02/03 Removed the ability to accidentally remove active inventory via the product table.

\*v701.015  
-11/18/03 Changed the P&L liquor percentage calculations to use F&B only.  
-11/18/03 Fixed Inventory Purchases report to work with new GL methodology.  
-11/18/03 Fixed Weekly figures report to keep vacation/other/bonus pay out of labor percentage calculations.  
-11/18/03 Put a short "rest stop" after each invoice movement from Open to Closed to insure disk I/O data buffers had time to catch up and were not being overrun when large numbers of invoices were being closed.

\*v701.015  
-11/06/03 Fixed P&L Kitchen Labor % Calculation to use F&B instead of Total Sales.  
-11/03/03 Added Major addition of complete alternative method of handling Invoice Line Items. Users can now opt to use inventory records as Invoice Line Items (specific vendor product records), or may elect to use Purchase GL Accounts as Invoice Line Items (general food group accounts, or inventory type accounts, such as "food other", "meat", "produce", "repairs & maintenance", etc). This addition will greatly simplify invoice entry for Admins.

\*v701.014  
-10/30/03 Path to data file copied from About to Splash screen for easy identification  
-10/30/03 Period Dates added to P&L Adjustment screens for better user identification  
-10/24/03 Various small tweaks added to private corporate internal accounting transmissions.  
-10/24/03 Browse button added to BackUp Setup Screen to place document name if using 3<sup>rd</sup> party software scripts.

- 10/24/03 P&L Adjustments page: Added button to clear adjustments.
- 10/24/03 Polling slowed down small amount for Micros 2700 series on "selected employees" polling routine so newer CPUs do not overrun the micros 2700.exe
- 10/24/03 Weekly Figures modified so it does not pick up certain pay types like vacation, other, retro, etc.
- 10/23/03 Comp Explanation Log modified to include new fields.
- 10/23/03 Comps entry screen tweaked to force complete description.
- 10/06/03 Change made to the Invoice Log using the "log month" search to make sure it works correctly for any log month in the current year, not just the current open period.

\*v701.013

- 10/03/03 The labor routine, "Post OT Hours" under CheckOut was modified to allow Vacation, Bonus, Other, and Retro type pay records to be added without adding to OT. The labor setup department name must include the above "words" (some other words are valid, depending upon the specific organization we include in our payroll library.) The routine is based upon the department NAME, not the department code. (i.e. "FOH Vacation" & "Vacation FOH" are both valid and will be skipped, regardless of their Dept Codes.)
- 10/03/03 Changing the Vendor ShortName will now update all Products, Inventory, Open Invoices, & Closed Invoices with the new name for all records associated with that Vendor ID. Do not re-use an old Vendor ID, as the ShortName will now travel throughout the database with that ID. In the past, closed invoices were locked to any change, but this created a problem in finding an older invoice for a company whose name happened to change. (For example, KOL to PFG)

\*v701.012

- 09/29/03 This version contains numerous small enhancements and a few rather major changes to enhance EOM reporting and display.
- 09/29/03 Invoice status can now be changed from "fulfilled" to "open" on screen.
- 09/29/03 Invoice log month search synced with P&L log month search. Under some circumstances, you could have put in an invoice for a past month and assigned it to the current log month but it would not print on that log if the invoice date were too far out of range. The P&L search would find it because it allowed a longer range.
- 09/29/03 Invoice date control was tightened up to keep invoices from falling out of boundaries of current month date ranges.
- 09/29/03 Invoices can no longer be deleted accidentally (or on purpose) if they belong to current month. They can ONLY be moved back to "OPEN" status and deleted there.
- 09/29/03 All calendar popups now conform to bulleted pre-set date ranges (sun-sat, weekly, monthly, open, etc)
- 09/29/03 Code added to aid in positioning menu items on the P-Mix reports. This "Sequence" routine is found on the Tasks Menu bar at Menu Items Output List.
- 09/29/03 Labor Overtime Calculation Routine changed to skip "vacation", "bonus", & "other" type pay. You can now run this and not get your vacation pay records lumped into the overtime calculations.
- 09/29/03 Several small document handling fixes applied to better accommodate the 4Dv7 engine calls.
- 09/29/03 Support for PocketCheff wireless POS added.

\*v701.007c

- 09/26/03 Linking Inventory enhanced to rename all linked products to same name, regardless of vendor. Fixed problem that under some circumstances, linkage appeared to be applied when it was not.
- 09/26/03 Added capability to change Open Invoice status from "Fulfilled" to "Open".
- 09/25/03 Cursor Tab Order enhanced on Open Invoice Input Screen.
- 09/25/03 Fixed problem that a new record could not be "cancelled" when making new product from Open Invoices.

\*v701.007b

-09/13/03 PMix polling change made to ensure that only non-zero-qty items are calculated.

\*v701.007a

-09/13/03 PMix polling change made to ensure display of all pmix items on screen after polling finishes.

\*v701.007

-09/12/03 Multiple small fixes to underlying routines to work better with the 7.x engine. Especially polling routines and GL Account Linkages.

\*v701.001

-09/8/03 Initial installation of complete rewrite of CRS embodies multiple changes and enhancements. Complete and major engine upgrade. Includes language support with English and Spanish. Includes .NET (SOAP) support for internet direct access. Includes enhanced DOS interface for certain polling routines.