Menu/Program	Enhancement/Change
All Programs That Calculate Sell Price	**New Feature – Discount Adjustment Code to Calculate Price Based on Gross Profit %** In all price files that offer the option for a discount code, 1.e.. "1"=the actual price, "2"=a percentage adjustment, "3"=a dollar amount adjustment, a new code is now available. A code of "4" can be used to calculate the sell price by calculating a gross profit percent based on the cost. The formula for this calculation is: Sell price = Cost / (100.00 – percentage from the file) For example: 35.45 = 19.50 / (1.00 – .45)
All Programs That Allow <Ctrl-U> Linking To Inventory	**New Security Options:** New logic now provides additional security on inventory access when the file linking option, i.e. <CTRL/U>, is used. Menu security options provide the ability to restrict access to selected inventory pages when inventory is displayed from a menu, e.g. C or D-3. This new option now provides that same ability when inventory is displayed using file linking, <CTRL/U>. There is a new optional file, "ctrlumprm2.opt". This is a 1 sector text file that can be created using Notepad. Starting in byte 1, list the pages to be disallowed when access is via <CTRL/U>.
All Menus	**New Feature – Menu Buttons in GUI Only:** New logic will now display all menus as buttons that are click-able and touchable as part of the new Graphical User Interface display. Once the new "enhanced view" has been turned on, this menu feature is optional - triggered by a new field on Y-5 page A – "Enhanced View Menu Buttons". If this field is set to "Y", all menus will display as buttons. If this field is set to "N", all menus will display as text lists. In addition, if this feature is turned on and if the user has a security level of 99, button display options are available by clicking on the task # in the lower right corner of the menu screen. Those options are: • Left justify with fixed font • Re-size fixed font buttons • Display key selection on right of button • Suppress <Esc> button • Display <Esc> button in upper left These options can be checked or unchecked to change the look of the menu buttons.
	New Feature in GUI: Added logic now allows the use of the <CTRL/U> feature from the new graphical user interface display to alter menu passwords, security levels, display flag etc.
All Screens where the Reference # of an Archived Invoice Displays	**New Feature – GUI Only:** The archived invoice can be displayed by clicking on the reference number.
Universal add program D-1, F-1, M-1, S-1	**Enhancement:** Thirty-two more data fields have been added to the data mode screen for a total of 80.
All Status Log Print Programs	**Program Enhancements:** GUI features have been added to these log print programs, including email capability.
Many A/R Screens	**GUI Only - New Feature:** New logic for the new look display now has alternating colors of multi-line records to help with screen readability.

Menu/Program	Enhancement/Change
Available in the following reports/report generators: B-2 B-5-D D-4, D-9 F-4, F-9 M-4, M-9 S-4, S-9	**New Feature:** New operators are now available in FLD - OP - VALUE L = Less than or Equal to G = Greater than or Equal to
Sorted Report Generator D-9, F-9, M-9, S-9	**Enhancement to the Sort Option when using Date Fields:** An enhancement to the logic will now treat date fields as 8 byte fields when used in sorting and sub-totaling. Prior to this change a date field could not be used successfully as a primary, secondary or tertiary sort field.
All Invoice Status Programs	**Enhancement in GUI Only:** Allow “M” for multi-batch view. This feature will allow the user to activate/deactivate of all batches at the same time. Note: Valid batches are defined using the following: • Entry 50 in SYSTBL defines the “Maximum # of tasks”. • The logic reads through that many entries in SETTASK. • The logic also reads SETBATCH to find all of the “valid” batches. • As the logic reads through SETTASK, if there is a valid task that is defaulted to a Point of Sale - print batch, Point of Sale process batch, Order Entry pik batch, Order Entry print batch, or Order Entry process batch, then that batch will appear on the multi batch view screen.
Various	**New Features to make Reports Run to the Screen More User Friendly:** New features have been added to the following report programs when Hard Copy is "C" - to the Screen: • T-3-K - Quantity on Hand History • T-3-F - Part Tracking by Account • D-4, F-4, M-4, S-4, T-4-A-4 - Report Generator • D-9, F-9, M-9, S-9, T-4-A-9 - Sorted Report Generator • B-2 - PO Create from Inventory • B-4 - Convert Worksheet to Open PO There are now buttons to allow scrolling forward (F-2) and backward (F-1) and Escape. Color has been added to the screen to highlight the data and captions.
Every Program That Creates A Reference Number	**New Feature:** New logic in every program that creates a reference number will now access Y-5 page A for the new parameter setting “Reference # Rollover Digits”. This new feature can be used by customers who configure store specific reference number streams with a store number in the left-most positions of the number field. Then, based on the number of digits in the store number, this new field can be configured to only rollover the digits excluding the store number.

Menu/Program	Enhancement/Change
C,D-3 A-1 GUI POS	**New Feature – the Ability to have Color Coded Store Labels at the Top of the Screen** Use a text editor to set up the color definition file called STORECOL.TXT. This is a comma delimited text file. The format is: • 4-byte store id • 3-byte GUI color • 3-byte old look color • 1-byte command (for inventory display) • 2-byte GUI horizontal position (for inventory display) • 3-byte GUI vertical position (for inventory display) • 2-byte old look horizontal position (for inventory display) • 3-byte old look vertical position (for inventory display) The GUI colors are: • 027=white on blue framed • 043=white on green framed • 056=black on yellow framed • 072=black on red framed The old look colors are: • 031=white on blue • 047=white on green • 224=black on yellow • 064=black on red
M-3	**Enhancement to Allow Larger Values:** The maximum size of extended sell and extended cost has been increased from $214,474,836.47 to $999,999,999.99.
T-1-A	**Enhancement to allow for Larger Dollar Values:** Sales recap numeric fields can be greater than 21,474,836.47. The new maximum number is now 999,999,999.99.
	The program was converted to the new GUI display mode.
T-1-C-2	**Enhancement to the GUI Features:** GUI features were added to this program. If the report is sent to the screen all 132 columns will display. Clicking on a reference # displayed on the screen in the report will access and display the archived ticket.
	Enhancement to the Quickbooks G/L File Update When there are Interstore Transfers: If the G/L file is being updated on a multi-store system and if there are inter-store transfers, this new logic provides the ability to update both sides of a transfer out in Quuickbooks. The account on the transfer must be flagged as an inter-store transfer account. Each store needs 2 entries in the SGLF file. The 1st entry represents the transfer out: Store: 1 Trc: 0 (or any transfer out code defined in SETUPD) Field letter: TRT (grand total) Debit #: inventory store 1 Credit #: in transit The 2nd entry represents the transfer in: Store: 1 Trc: 0 (or any transfer out code defined in SETUPD) Field letter: OFF (offset grand total) Debit #: in transit Credit #: inventory store 1

Menu/Program	Enhancement/Change
T-1-C-2	**Enhancement – a New G/L Type (K for "bill credits")** The data will come from the Daily Transaction File (DTR). Transaction codes 5, 6, and 7 will get the account # to access the supplier file. The grand total will be the amount added to the bill credits.
T-1-J-8	**New Menu Selection – ChargeitPro Card Storage.** Software enhancements now provide the option to store or "vault" credit card information in the ChargeItPro PCI compliant server vault.
T-1-H-2	**Enhancement to the GUI Features:** GUI features were added to this program. If the report is sent to the screen all 132 columns will display. Clicking on a reference # displayed on the screen in the report will access and display the archived ticket.
T-2-B-1-A	**Enhanced to the GUI display screen.**
T-2-D	**Enhancements:** The logic to allow page up was added when the report is displayed to the screen. In addition the <F-9> to select a detail and <CTRL-X> to view the archived ticket was also added.
T-2-F-1-C	**Enhanced to the GUI display screen**
T-2-G-1	**Enhanced to the GUI display screen**
T-2-I	**Enhanced to the GUI display screen**
T-2-N	**Enhanced to the GUI display screen**
T-2-O	**Enhanced to the GUI display screen**
T-3-F	**New Feature – Extended Captions – GUI Screen Display:** New logic now allows for extended captions in the Part Tracking by Account Report. In addition the report entry screen has been reconfigured for the GUI "GUI".
	New Feature: New logic now provides the ability to create a text file for a "summary" report.
T-3-L	**New Menu – Special Qty Tracking Files** **[1] Qty Returned History** This is a report program with access to the RETH file. **[2] Qty Core Return History** This is a report program with access to the CRQH file.
T-3-L-1	**New Program – Qty Returned History (RETH)** The format of this file is exactly the same as the Quantity on Hand History file – as is the report program. The information being reported is changes to the quantity returned field in inventory if the designator of that field is either RET (on single store systems or multi-store systems using an STR inventory format) or RT? (on multi-store systems using a multi-store inventory format) where "?" is replaced by the store ID. On multi-store systems this file can be configured as File/Store "Y" or "N".
T-3-L-2	**New Program – Qty Core Return History (CRQH)** The format of this file is exactly the same as the Quantity on Hand History file – as is the report program. The information being reported is changes to the quantity returned field in inventory if the designator of that field is either CRQ (on single store systems or multi-store systems using an STR inventory format) or CR? (on multi-store systems using a multi-store inventory format) where "?" is replaced by the store ID. On multi-store systems this file can be configured as File/Store "Y" or "N".

Menu/Program	Enhancement/Change
T-4-B-3	**New Feature: Security on Data Alteration** New logic will now access Y-A-B for the security level <F-9> alter flag.
T-4-D-^X-2-A	**EMPLOYEE SCHEDULE - Enhanced to the GUI display screen**
T-4-D-^X-3	**EMPLOYEE TIME CLOCK - Enhanced to the GUI display screen**
T-4-E-3	**GUI Only – CMF File Display:** Two new fields have been added: • Date Added - which is a non-alterable field that is populated when the record is added • A/N Number - which is a field to be manually maintained with no logic attached to it.
	New Feature – Password Security on Record Deletes: When deleting a Customer Mail File (CMF) record, new logic will check for the optional file, “cmfdel.pwd”. If it exists, then the logic will extract up to the first six characters which then must be matched by the user to continue with the delete.
V-1	**Enhanced to the GUI display screen** Multi-view of all V-1 tasks is available.
X-7-A eOffice and Internet Order Listener	**New Feature for Kits in the ePart Interface:** New logic will now use the new IAP.SCP parameter "USE COMPONENTS TO VALIDATE KIT QUANTITY?(Y/N)" in the EPart interface to determine the returned quantity values for parts flagged as kits. Assuming the kit file exists and kit flag field defined, if the new parameter is 'N', the response quantity and ordered/shipped will be set to the quantity requested like the program currently operates. If the parameter is 'Y', the program will use the component list and check the required number of components for the kit and determine the total number of kits that can be built from the available components and return this value. Additionally, this value will be used to validate the quantity requested. Logic to add the kit components to the generated ticket when a main kit is purchase in the EPart interface was also added.
	New Feature – Minimum Sell Quantity in ePart Interface: Logic has been added to the ePart interface to return an optional "Pack Quantity" field in the 'P' record. This returned value (if greater than 1) will be displayed in the Qty Order column of the EPart part display screen. (If this logic is not used, the default for the Qty Order column is always 1.) To configure the system to use this feature a numeric inventory field must be defined in the 179th field of the inventory cross reference table. Note: There is no logic in ePart to prevent the customer from changing the order quantity.
	New Feature - Ability to Change the Transaction Code on Orders from Nexpart: New Feature in the Nexpart integration to allow assigning transaction codes by account for incoming orders. The new logic looks for an optional file, 'ACCTTRC.TXT', which will contain ACCOUNT,TRANSCODE per line. If the file is found with valid data, when a ticket is being created with the standard transaction code 'I', this file will be checked for the account number being invoiced. If it is found, the overall and optionally the detail line transaction code(s) will be changed to the value in the file. WARNING: There is no validation of the transaction code values in the file so make sure that only valid transaction codes on the system are used. Note: the program only checks for the existence of the file when activated and then reads and holds the data. This is needed to maintain the performance of the program. If changes are made to the ACCTTRC.TXT file the X-7-A batch must be deactivated and reactivated for the changes to be recognized.

Menu/Program	Enhancement/Change
X-7-A eOffice and Internet Order Listener	**Enhancement to the Transaction Description in eOFfice:** When sending up a payment ticket (i.e. a payment taken in Point-of-Sale) to eOffice, the wording in the 'HOW PAY' field of the upload information will now be PAYMENT. Prior to the change SBC was sending the wording CASH – since the pay type on a payment is always cash. The result is that on the eOffice page, under the heading "Invoice Type", it will now say PAYMENT, which is a better description for the POS payments.
	New Feature – Option to Skip Sending Payments taken through POS to eOffice as Invoice Data: The eOffice upload logic was changed to provide the option to skip sending up ticket information when a payment is taken in point-of-sale. If the new eOffice parameter field, "Send an A-1 Payment as an Invoice" is set to "N", then that transaction will only be sent up as payment (PMNTS) information and will display on the payments tab.
	New Feature – Enhanced Kit Logic in ePart and in the GUI Catalog Interface: Parameters have been added to the appropriate files to allow the user to select the option of having the available quantity on hand of kits be determined by the quantity on hand of the required components. • This new logic is only one layer deep, i.e. it does not handle kits within kits. • A non-stocked component will always indicate zero QOH of the kit. To configure the system to use the new logic for the X-7-A/EPart interface, access the new field in the parameter file, IAP.SC. From the ">" prompt, type: DE IAP.SCP <Enter> Change the "USE COMPONENTS TO VALIDATE KIT QUANTITY?(Y/N):" setting from the default of 'N' to 'Y'. Deactivate/reactivate the X-7-A batch for change to be recognized. For the new logic in the GUI catalog interface, navigate to the parts display screen, select 'S' for the setup selections, select "Program Defaults". The setting "Use Components to Validate Kit Qty" can be toggled here. If this logic has been turned on, the quantity on hand of the main kit line will be determined by the least number of kits that can be built with the available quantity on hand of all of the required components of the kit.
	New Feature – Ability to Receive Ship To Information on an ePart Order: Logic has been added to the ePart order interface to look for a new optional Ship To – "S" record. This will populate the ship to information of the created ticket.
	New Feature to Facilitate Returning an EDI Invoice Document (810): Logic has been added to the ePart order interface to look for new optional EDI – "E" record. This information, EdiFrom nd EdiTo, will be saved in the two header comment fields of the ticket as EF= and ET=. When the ticket is finalized, this information will be sent up to eOffice to indicate that this is an EDI invoice that needs to be sent on to the customer.
	Enhancement in Nexpart and ePart Interfaces for Quantity Price Breaks: Quantity price break logic in both the Nexpart and ePart interfaces will now use the 'code' field in the quantity price break determination. Prior to the change it was always assumed that the quantity price breaks were actual prices, i.e. code = 1. Additionally, in the ePart interface, the logic will only return the 'break' price if it is better than the current calculated sell price
	New Feature – the Ability to Control which Internet Orders will be Finalized by Account: If the location is configured to finalize all internet orders, new logic will now look for optional file containing account exceptions, i.e. accounts for whom internet orders will not be finalized. The optional file name is **frctikhld.txt**. The file must contain the account numbers (one per line) for all customers whose orders will be forced to hold instead of finalized.
	New Feature: Optional Warning if Ordered Item is a Kit and there is Insufficient Component Quantity Logic was added to optionally generate detail comment line(s) if kit components have insufficient quantity to fill the kit order quantity. The feature will look at a new parameter in the IAP.SCP file, "KIT CMP COMMENT ON QOH < ORD", to determine if it should be used. • If the parameter value is 'Y' then a single comment line will be generated at the end of the kit that states a component QOH is insufficient. • If the parameter is an 'I' then any component that is found to be insufficient will generate an individual comment line for that component.

Menu/Program	Enhancement/Change
X-7-A eOffice and Internet Order Listener	**New Feature: Ability to create orders for Specific Accounts with a Transaction Code Other Than an "I"** New logic will now look for optional file called 'acctdettrc.txt'. The format of this file is account number followed by a comma followed by a transaction code followed by <CR><LF>. Upon activation if this file is found with valid data, when a ticket is being created with the 'standard' transaction code, 'I', this file will be checked for the invoiced account. If found, the detail line transaction code will be changed to the value in the file. ** Warning - There is no validation of the transaction code value. The file needs to be correct.
	Enhancement to the Logic that Allows Customization of Internet Ordering by Acct: Enhanced the features of the optional file 'acctdettrc.txt' in the ePart interface. This logic allowed specifying the transaction code to use on internet orders for itemized accounts. This new logic allows inclusion of an ignore QOH check indicator. If a third field is included on the line of the text file, then a 'Y' will indicate to ignore the quantity on hand check when determining the quantity shipped value. The shipped value will be stuffed with ordered.
	Enhancement to ePart to use the Alternate Part Number Chain: New logic in the ePart interface will now optionally return the alternate part number chain versus the single alternate part. This option can be selected using a new parameter in the IAP.SCP file – EPART ALTERNATE PART CHAIN.
	Enhanced to the GUI display screen
	When uploading detail lines to eOffice, if the list price is ever less than sell price then make the list price the sell price for the uploaded data. This change will affect the data on the SBC system - only the data feeding into eOffice.
	New Feature: Allow ePart to Send in the Invoicing Store ID Logic was added to the ePart interface orders to optionally let the incoming ePart ID override the store assignment logic. This change will allow the website user to determine where their parts are purchased by enabling the ePart site to direct the location of the ticket. This feature is controlled by the parameter 'Use incoming ePart id to assign store:' in the IAP.SCP file.
	Enhancement for a Delivery Printer: Logic was added to check for the new Y-5 page V parameter, "Delivery Wording Printer:' If this field is non-blank, then when the finalized ticket is created, logic will check to see if the ship via wording from the ticket matches the Y-5 page V "Ship Via Delivery Wording". If it does match then the logic will validate the delivery wording printer #. If it is valid, then new logic will use this printer as the printer for this ticket. This logic will take precedence over any printer routing logic by text file that exists**.**
X-8-A	**Enhanced to the GUI display screen**
Y-7-N-4	**New Feature – Multiple STR Total Tables to Support the Calculation of Totals by Region as well as Company Totals:** The new logic to allow for multiple .RGN tables is triggered by a text file that contains the table name and description. If the text file exists, upon entry to this program new logic pops up a window so the user can select which table to use. The filename is called (Inventory format).TXT. The format is 1-5 byte name followed by a comma, followed by up to 25 byte description, followed by <CR><LF>. The inventory format must include the fields defined in the table.
Y-7-N-5	**Enhanced to the GUI display screen**
Y-7-P	**New Options:** The ability to remove all dashes and to remove all slashes was added as another part number conversion option.

Menu/Program	Enhancement/Change
Y-9-A	Enhancement for more Efficient Processing: New logic now allows “D” next to the filename. This will trigger logic that will recreate the deleted record chain only, instead of recreating all of the key files also. This should fix SuperDos error 8 and will be much faster than having to recreate all of the key files.
Y-9-C	**New Feature:** New logic will now allow “Hard Copy” to be set to “C”. This will print details to the screen.
	New Feature: New logic will now allow “F” next to tests 1 and 2. This will attempt to “fix” keys that are not found, and keys that are mismatched. Note: The files do not need to be opened exclusively to run this option.
Y-A-B	**New Security Option:** A new option to allow use of a security level to restrict altering kit data by using <F-9> in T-4-B-3 was added.
	New Security Option: A new option to allow use of a security level to restrict access to <Ctrl-R> for A/R Notes was added.
	Added a security level for POS to allow add of customer number (GUI only).
Y-D-1	**New Feature - A new option in Y-D-1 now provides the ability to create column headers for the generated text file.** In “old look” with the cursor at COMMAND, press <CTRL/F>. Two new screen questions will display – "Use Extended Captions? (Y/N)" "Create Column Headings? (Y/N)" If both prompts are answered with "Y", column headings will be created and the headings will come from the extended caption file, ECAP. If only the first prompt is "Y", then if a hard copy is generated, the extended captions will be used. If only the second prompt is "Y", then the column headings will be the cryptic, 3-character field designators.
Y-D-1	**New Feature – Updating new Inventory Tracking Files** New logic now updates 2 new inventory tracking files: • T-3-L-1 Quantity Returned History • T-3-L-2 Qty Core Return History The Quantity Returned History (RETH) file update is triggered when a hard-coded field (RET on single store systems and multi-store systems using an STR inventory format and RT? On multi-store systems using a multi-store inventory format where “?” is replaced with the store ID) is modified. The Core Return Quantity History (CRQH) file update is triggered when a hard-coded field (CRQ on single store systems and multi-store systems using an STR inventory format and CR? On multi-store systems using a multi-store inventory format where “?” is replaced with the store ID) is modified.
	New Feature: New field “truncate file output” will give the ability for the user to truncate trailing blanks on each field delimited field.
	Enhanced to the GUI display screen
	New Extraction Options are Available for Employee Specific Sales Recap Files: The structure of the following files was changed to create unique field letter designators for each field – CCSR (clerk sales recap), MCSR (call center clerk sales recap) and SSR (salesperson sales recap). The previous file structure did not allow for easy data extraction.
	New Option when Creating an Ascii from PTA: New logic will now allow the designator “GTN” to get the ticket grand total from the archive when extracting data from the PTA file.
	Enhancements to Options – GUI Only: • Allow “0” in drive to indicate the default drive and user group. • Allow blank filename to create a report only. A file will not be created
	The logic was enhanced to allow data extract from PLI.

Menu/Program	Enhancement/Change
Y-D-2	When updating alpha fields, new logic will now convert invalid characters to blanks.
	When updating alpha fields, new logic will automatically translate lowercase characters to uppercase.
	New Feature to Provide the Ability to Add a new UPC into the Next Available UPC Field: To add a UPC in the next available UPC field, put the value 'UPC' under the heading "Convert Tbl" on the UPC field detail line on the conversion table setup screen. This will trigger the logic that will look for the next available slot in the following order: UPC, UP1, UP2..…UP9. If all slots are full, then the program will overlay the field that was specified. If the new UPC code is found in one of the fields, then the program will discard that data.
	Enhancement for INV/STR Only: On the conversion table setup screen, on the part # field line put the value "NO DASHES" under the heading "Convert Tbl". If the part # is not found, then the logic will strip the dashes and check again. If that value is not found, then the logic will revert back to the original part with the dashes and will add it to the file.
Y-D-4	**New Feature – New Format for the Epicor Data Warehouse:** New logic has been written to support Epicor's new version data feed for 'the network'. This includes the Standard Sales Transaction History extract and the Standard Inventory extract. Details are provided in a separate document.
Y-F-1	**New Feature – User Definable A/R Search Screen – GUI Only:** The full screen alpha account lookup in POS is now user definable.
	Enhance Order Entry Customized Screen 2 Area: New logic in the screen display program now allows the customized screen 2 area to use all 80 columns for the user defined screen display. Note: The rest of the screen displays in Order Entry are still 40 columns wide.
Y-F-1	**New Feature – the Ability to Display Profit Percent** Logic was added to allow a computed field for profit percent to be displayed in the point-of-sale customizable area. Use the field letter designator GP%
	New Feature – GUI Only: Logic was added to the GUI point-of-sale, invoicing program to allow for the selection of a field background color of red or yellow for fields of the custom display area of the invoice screen. This is an easy way to highlight a field.
	In the PO setup screen there is a new "special flag" of "9" which can be used to indicate a field that is specifically for the B-7-A receiving screen and should not be displayed on the Worksheet or PO display/alter screens via B-3-C and B-5-C.
	New Feature – GUI Only: Logic was added to GUI point-of-sale to allow for the running core total, 'RTC' in the user definable area.
	New Feature – GUI Only: New logic now provides the ability to select inventory fields to display on the single line PO detail display.
	New logic will now allow for red or yellow background on inventory fields in the enhanced POS inventory display area when it is an STR format.
Y-F-6,Y-F-7	**New Feature:** New logic has now provided the ability to activate/deactivate "internet orders", i.e. X-7-A.
Y-F-5-C	**New Feature in GUI Only – On Screen Help** New logic has provided the option of on screen help. Once a record has been displayed (with the cursor at "Code" press <Enter>), click on any caption for field help. Clicking on the screen heading and the section heading will access help for all fields.
Y-F-E-B-6	**Enhancement:** The clerk code data field, designator CLC, has now been added to the Lost Sale History (LSH) file.

Menu/Program	Enhancement/Change
Y-H-F	**A New Configuration Option:** A '**2' assigned to the task will now indicate this task is configured with a Topaz signature capture pad.