Restaurant Enterprise Solution (RES) Version 4.8 ReadMe First

About This Document

ReadMe First is a comprehensive guide to the new features, enhancements, and revisions added since the Version 4.7 release of the MICROS Restaurant Enterprise Solution (RES) software.

This document contains updates to the Version 4.8 release of the MICROS Restaurant Enterprise Solution (RES) software.

****************************IMPORTANT*****************************

In RES 4.8 there is a dependency on the file WinHTTP.dll. This file is not included in the Windows NT operating system. Consequently, RES 4.8 and higher will not run on Windows NT. Windows NT clients are not supported.

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For clarity, information is divided into self-contained chapters, reflecting the additions and modifications made to the following RES products:

◆ 3700 Point-of-Sale (POS) System

◆ Kitchen Display System (KDS)

◆ Guest Service Solutions (GSS)

◆ Table Management System (TMS)

◆ Cash Management (CM)

◆ Labor Management (LM)

◆ Product Management (PM)

◆ Financial Management (FM)

◆ RES Platform

Within each section, product information is organized as follows:

◆ What's New

◆ What's Enhanced

◆ What's Revised

Each section begins with an introduction and includes a table that summarizes the features and functionality incorporated in this version of the software. The table provides hypertext links to supplementary text and graphics about the selected topics.

For more information on these features, and step-by-step instructions for configuring them, refer to the product's Online Reference Manual, available from the MICROS website.

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3700 POS

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

The table below summarizes the new features included in this version.

Module	Feature	Page
POS Configurator	Weight in Ounces is Now Supported	6
	Single Wide Printing to an Order Device Now Supported	7
	Barcode ID Printing/Display is Now Supported	8
	Truncation Introduced	10
POS Operations	Cover Counts in POS Operations and in the Table Management System Have Been Increased	15
	Employee Break Enhancements	15
	Using Print Groups to Make Correct Upcharges Introduced	20
	Modifying Part of a Multiple Order in Conversational Order Mode Now Supported with the Introduction of the [Make] and [Split] Keys	22
	Required Condiments in Conversational Order Mode Using Min/Max Now Supported	25
	Conversational Order Mode Combo Group Side Item Enhancements	29
	POS Operations Now Displays VIP/Rush Order & Printed Status	32

Module	Feature	Page
POS Operations Cont.	Audible Alerts at POS Devices Introduced	36
	POS Operations Now Supports GSS and Check Info Lines With Up To 32 Characters	37
	Discount Enhancements	37
	Enable Discount Itemizers for Discounts with Rule Type Setup	38
	Server's 'Check Name' Has Been Added to the Authorization Request Message	39
	Enhanced Consolidation Functionality	40
	Inclusive Service Charge Introduced	43
Reports	Ability to Hook Into Custom Procedures to Calculate Delivery Time Introduced	47
	Tables Added to Support Custom Reports to Track Employee Sales by Till	48
Peripherals	'ViVOpay' Vivotech Device Now Supported	48
Printing	Dual Receipt Printing	51
Setup	Workstation 5A Now Supported	53

**New Features
Detailed**

POS Configurator

Weight in Ounces is Now Supported
CR ID #: N/A
SCR #: 37285

With this release, weight in ounces is now supported. A 'Weight' group box has been created in the *POS Configurator | System | Restaurant | Options* tab. Three radio button options are available: Pounds, Ounces, and Kilograms. Weight in Pounds will be the default unless configured otherwise.
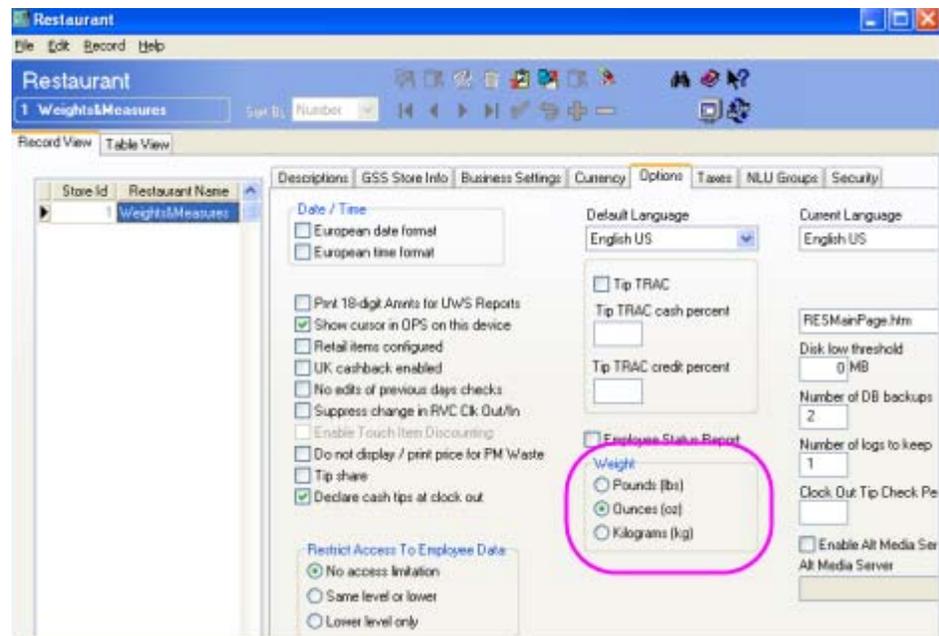
In the Tare Weight field, located in the *POS Configurator | Sales | Menu Items | Price* tab, placement of the decimal point is determined by which weight is configured.

◆ If the weight is in pounds, then only two digits are allowed after the decimal point (max 999.99)

◆ If the weight is in kilograms, then only three digits are allowed after the decimal point (max 999.999)

◆ If the weight is in ounces, then only one digit is allowed after the decimal point (max 999.9)

Manual Weight Entry will also enforce the maximum number of decimals, per *System | Restaurant | Options | Weight setting*.

Single Wide Printing to an Order Device Now Supported
CR ID #: N/A
SCR #: 37256

With this release, single wide printing to a remote order device printer is now supported. With the normal double wide printing, only 12 characters of a 16 character name will display, with the remainder being truncated. With single wide printing enabled all 16 characters of a menu item name will display. If both name 1 and name 2 are displayed, they will print on separate lines.

To configure this option, select the 'Print Single Wide' option bit located on the *POS Configurator | Order Device | Options | Sorting/Formatting* tab:
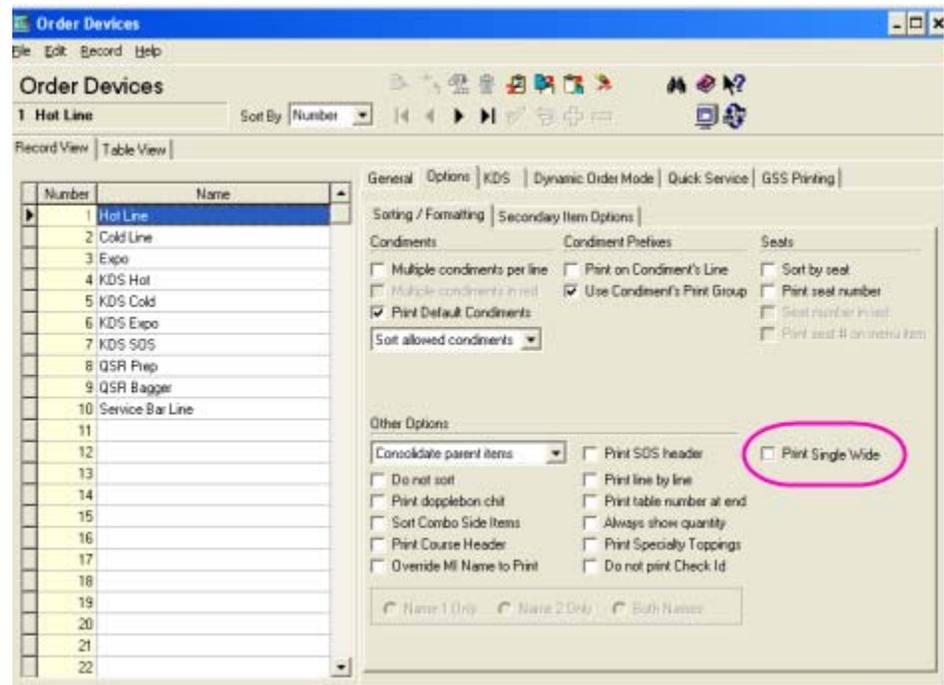
Barcode ID Printing/Display is Now Supported
CR ID #: N/A
SCR #: 37253

With this release, it is now possible to have an item's Barcode ID print or be displayed on a separate line below the menu item description. 3 new option bits have been introduced: 'Print Barcode ID on Guest Check', 'Print Barcode ID on Remote Order Device', and 'Display Barcode ID on Touchscreen'.

The 'Print Barcode ID on Guest Check' and 'Print Barcode ID on Remote Order Device' options are configured on the *POS Configurator | Menu Item Classes | Print* tab:
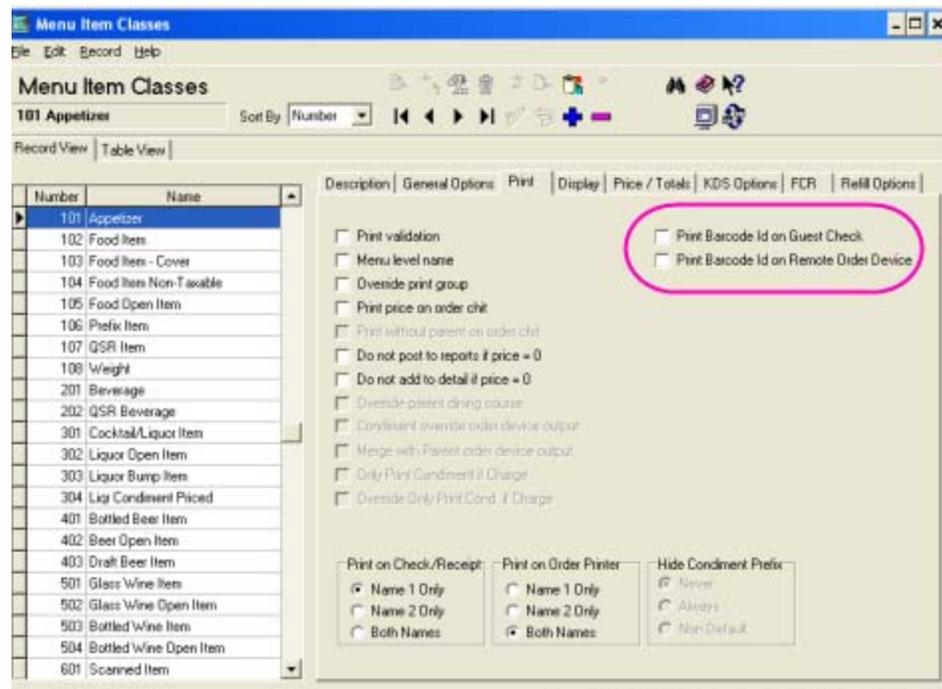
When configured, the ID will print on Guest Checks like the following:

The 'Display Barcode ID on Touchscreen' option is configured on the *POS Configurator | Menu Item Classes | Display* tab:
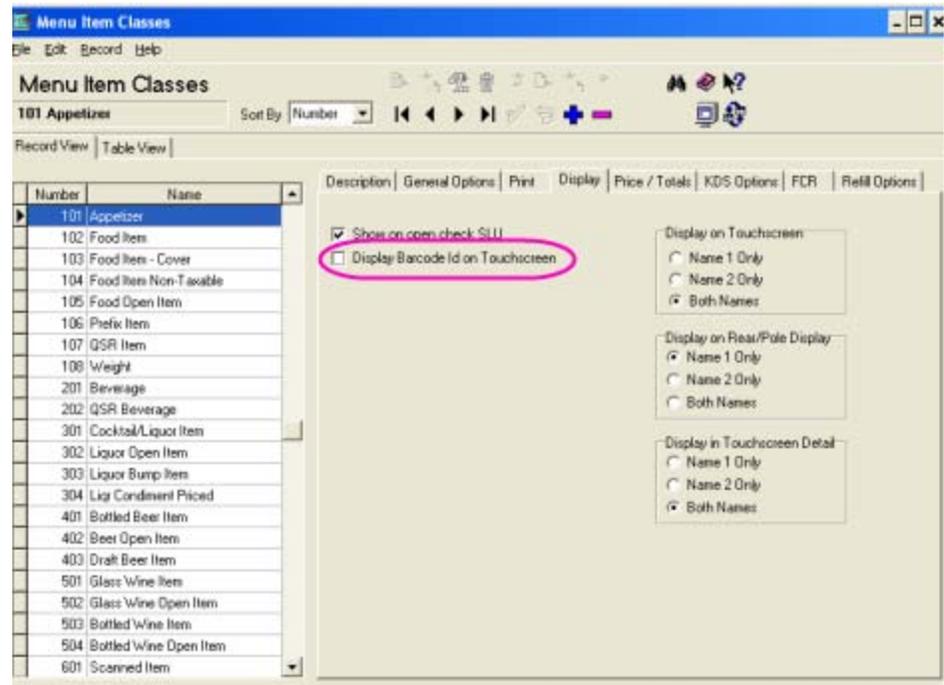
Once configured, the ID will display in the Detail Are of the touchscreen as shown below:
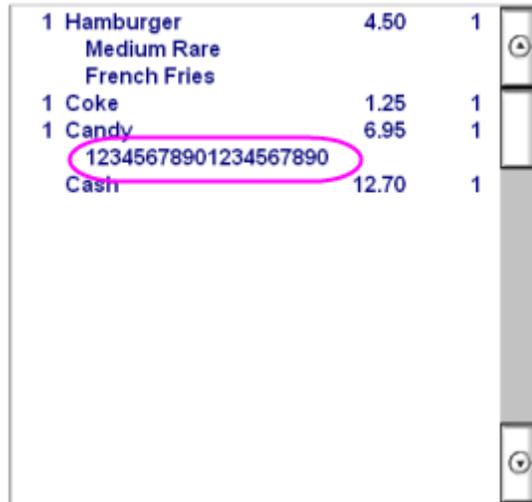
Truncation Introduced

CR ID #: N/A
SCR #: 37350

With this release, the ability to perform decimal shift truncation on the following areas as been introduced:

- ◆ Service Charges

- ◆ Discounts

- ◆ Tenders

- ◆ Totals

With this feature, the ability to choose whether the decimal remainder of a service charge calculation is truncated or rounded (up or down).

Currency conversion has also been enhanced with the introduction of this feature. Currency conversion now truncates digits after the decimal point.

<u>Configuration</u>

The following forms have been updated in POS Configurator:

Revenue Center | RVC Discount/Service

◆ Enable truncation for discount/service charges.
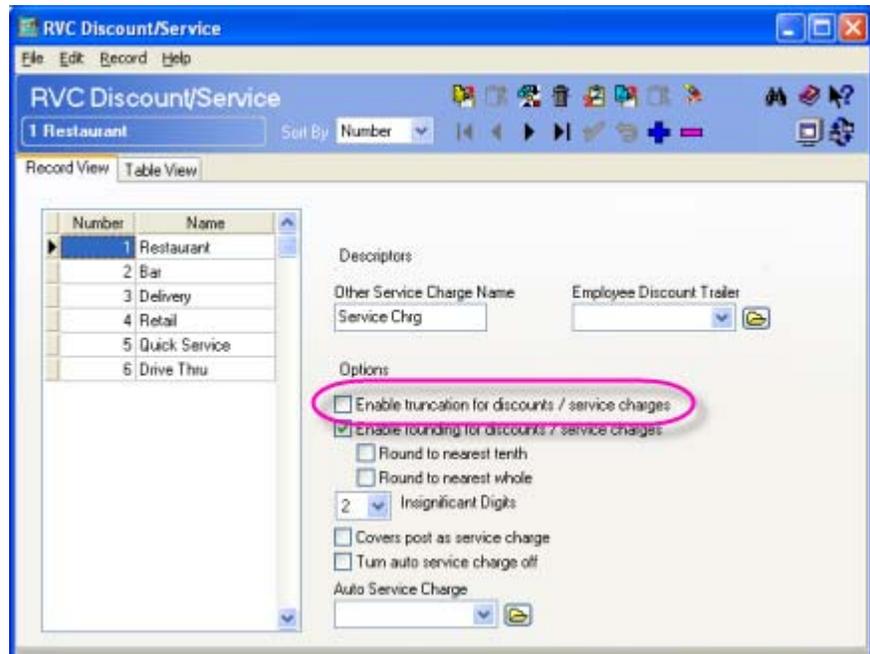
When 'Enable truncation for discounts / service charges' or 'Enable rounding for discounts / service charges' is enabled, the grayed out option 'Insignificant Digits' will come into focus.

Note   *'Enable Truncation for discounts/service charges' and 'Enable rounding for discounts/service charges' are mutually exclusive. By checking one, the other will become unchecked.*

Revenue Centers / RVC Posting

◆   Enable total due truncation
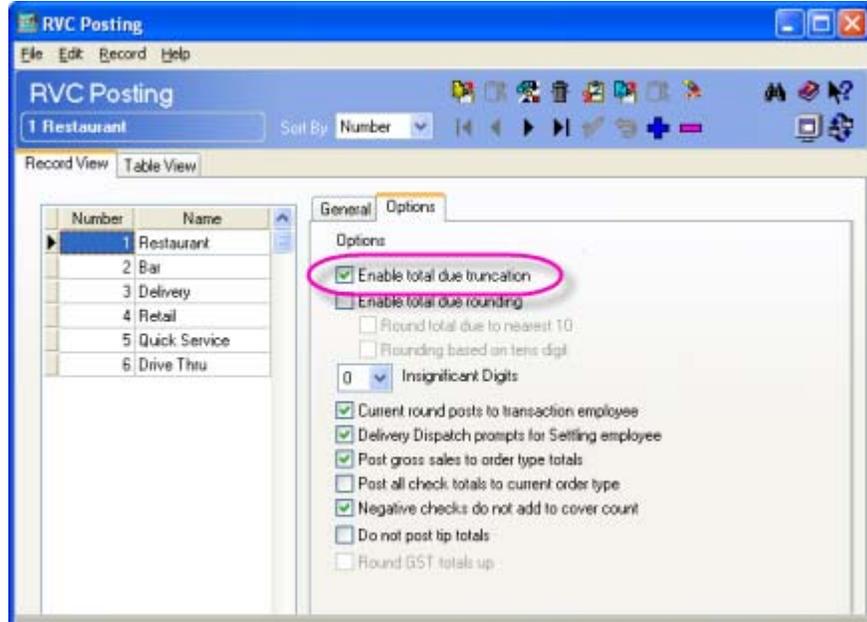
When 'Enable total due truncation' or 'Enable total due rounding' is enabled, the grayed out option 'Insignificant Digits' will come into focus.

Note   *'Enable total due truncation' and 'Enable total due rounding' are mutually exclusive. By checking one, the other will become unchecked.*

Sales | Currency

◆ Always truncate this currency
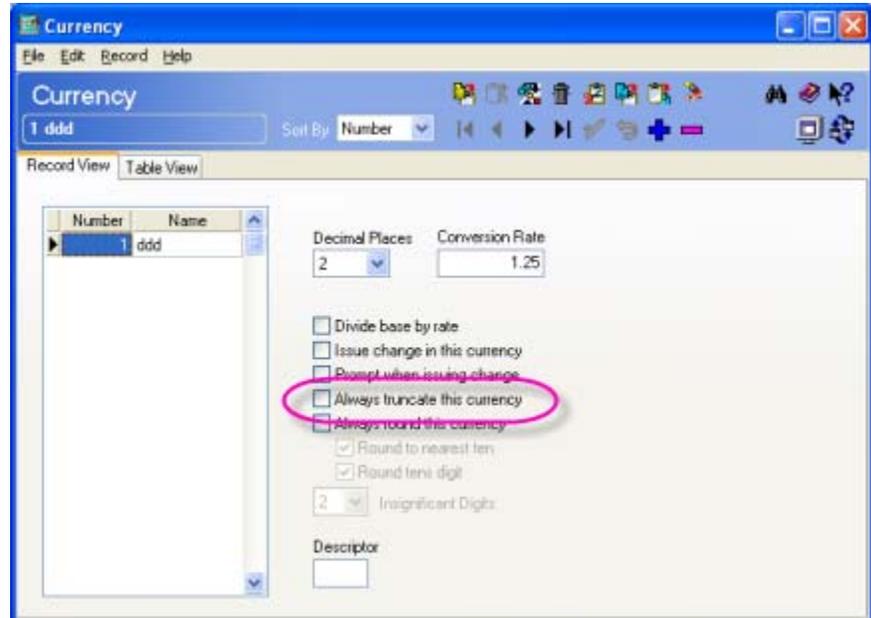
When 'Always truncate this currency' or 'Always round this currency' is enabled, the grayed out option 'Insignificant Digits' will come into focus.

Note	*'Always truncate this currency' and 'Always round this currency' are mutually exclusive. By checking one, the other will become unchecked.*

Sales | Tender/Media

◆ Enable Tender Truncation
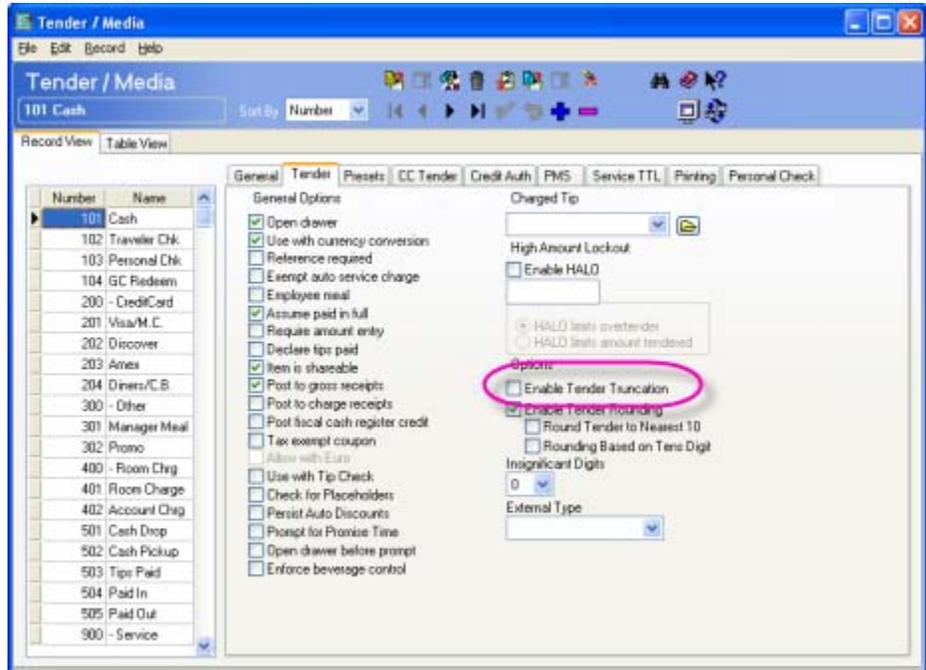
When 'Enable Tender Truncation' or 'Enable Tender Rounding' is enabled, the grayed out option 'Insignificant Digits' will come into focus.

Note   *'Enable Tender Truncation' and 'Enable Tender Rounding' are mutually exclusive. By checking one, the other will become unchecked.*

ResPosAPI now supports Truncation and Rounding for discounts and service charges.

POS Operations

Cover Counts in POS Operations and in the Table Management System Have Been Increased
CR ID #: N/A
SCR #: 36601

With this release, POS Operations will now accept cover counts greater than 999 to handle large parties or catering guest counts. The maximum cover count is now 9999 (4-digits).

In previous versions configured to use the Table Management System (TMS), the TMS waitlist and reservation list would change an entry of 999 to the number 231. This has been corrected and TMS will now support a maximum of 9999 Covers.

The ResPosAPI has also been enhanced to handle a maximum cover count of 9999 (4-digits).

Employee Break Enhancements
CR ID #: N/A
SCR #: 37156

With this release, Employee Break Handling has been improved to allow certain employees to go on break without having to prompt for a Paid or Unpaid break, which can now be set as a default for the employee class.

Now, when an employee clocks in early from an Unpaid Break, a manager authorization will be stored in the database and a new Reason code will be selected by the manager.

The *POS Configurator | System | Reasons* form has two new check boxes:

◆ Use with early clock in from unpaid break

◆ Is paid break
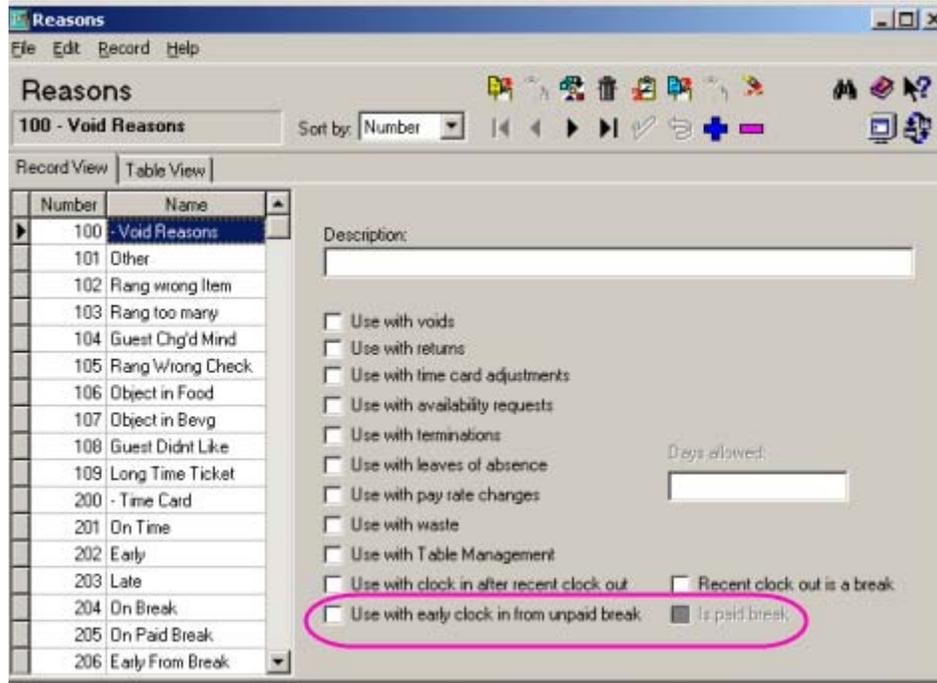
Note   *The 'Is paid break' option is enabled when the 'Use with early clock in from unpaid break' option is checked.*

In addition, an employee can clock out without stating that they are on a break if the system is configured to have the employee class not prompt for Paid or Unpaid breaks.

When an employee clocks in from a full clock out either because they chose not to go on a break or because they were not prompted for break options, the system can be configured to determine the length of time that they were clocked out and prompt for manager authorization and a reason code if that length of time was below the preconfigured duration.

Based upon the reason code and the options configured for the reason, the employee's previous clock out will do one of the following:

◆ Remain unchanged

◆ Convert to an Unpaid break

◆ Convert to a Paid break

Two new employee class options have been introduced to control whether an employee will be allowed to select if a break is to be a Paid or Unpaid break. These new options do not affect systems that are configured to use Labor Management Enforced Schedule Break Logic.
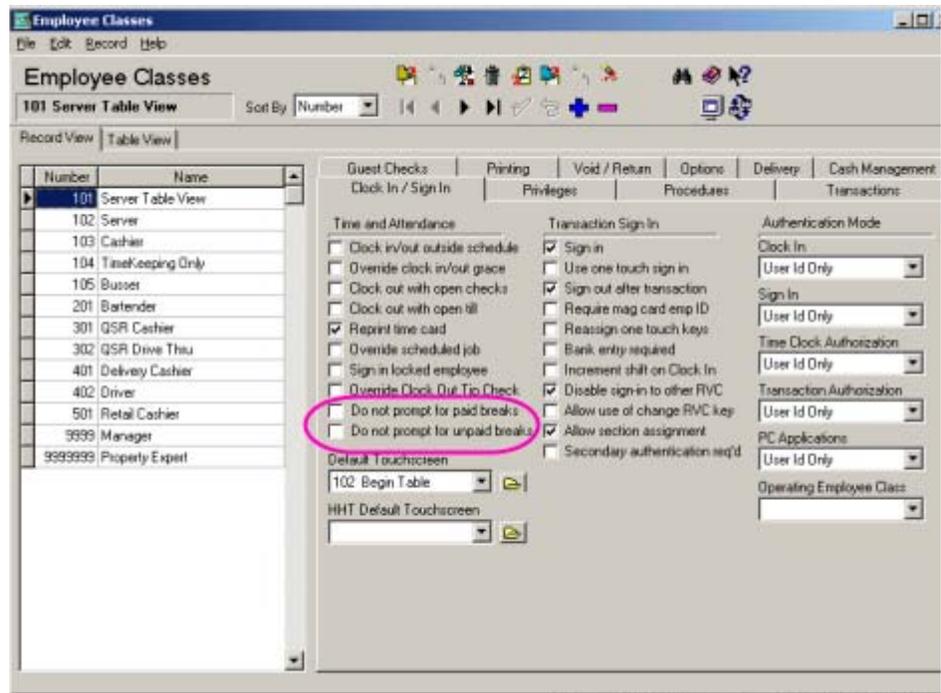
A new employee class option will control whether an employee can authorize the clock in of an employee that has recently clocked out.
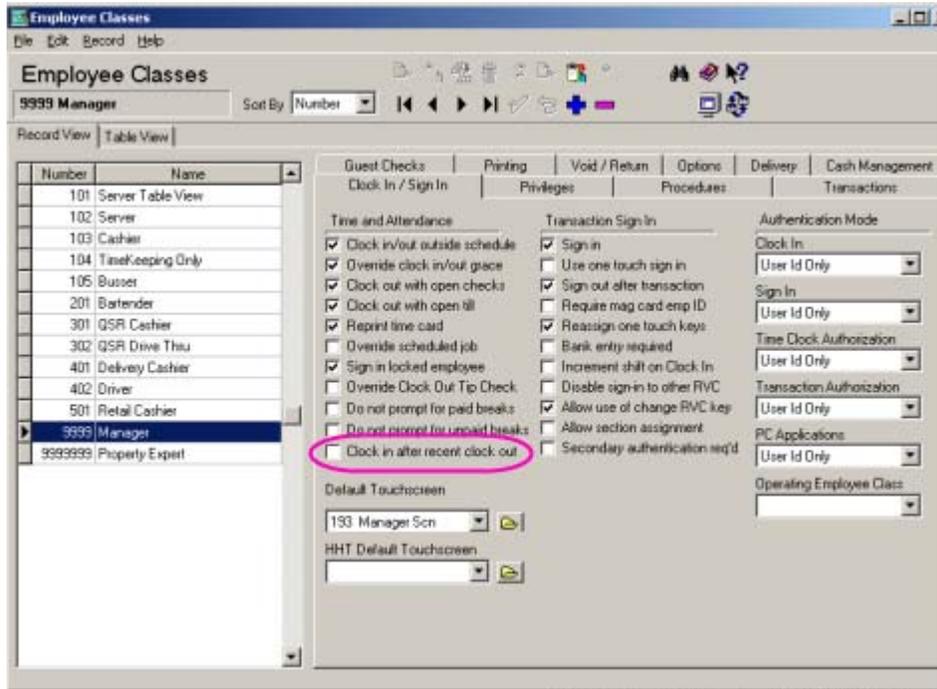
The time used to determine the duration of a 'recent clock out' is configured in the 'Recent clock out minutes' filed located in the *POS Configurator | Employees | Time and Attendance | Break* tab.
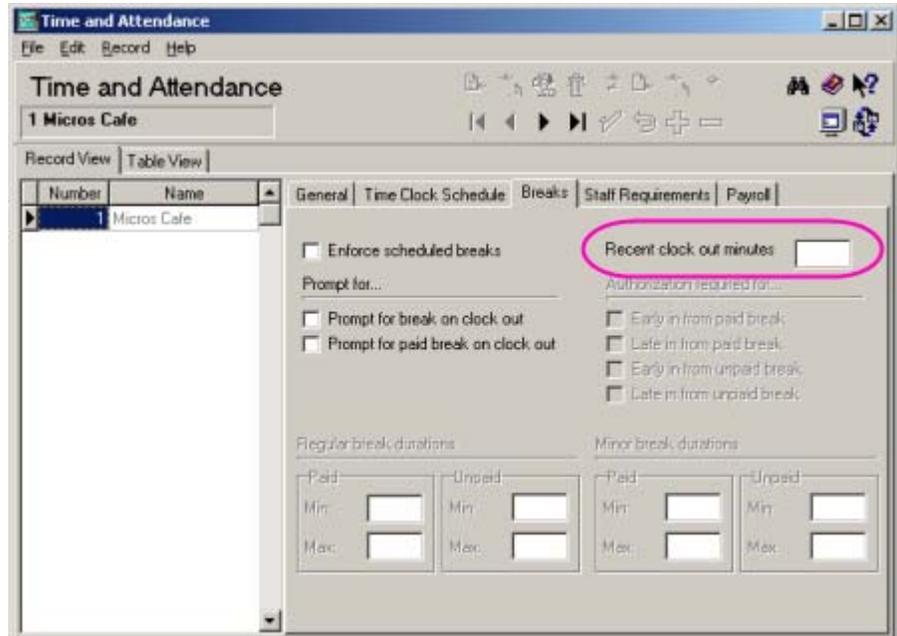
Reporting

The 'Employee Time Card and Job Detail' report has been updated to report the employee that authorized an early clock in from an Unpaid break and the reason for the early clock in.

Time Chit Output

The Time Chit output that is generated when the employee clocks in early from a break has been updated to include a line that states that they have clocked in '***Early From Break***'. The chit will state the reason for the early clock in and the manager that approved the early clock in, and will also print a line for the manager and employee to sign.

```
501 QSR Cshr 1, William
12 In Thu Dec17 05:10PM
        501/501 *QSR Cashier
     ***Early From Break***
        Incorrect ClkOut
        (Break was Paid)

Manager  _____
 901 The Manager, Bruno

Employee _____
 501 QSR Cshr 1, William
```

Using Print Groups to Make Correct Upcharges Introduced
CR ID #: N/A
SCR #: 36681

With this release, Conversational Order Mode has been enhanced to include a repricing feature for Min/Max condiments that allows items to be ordered in any sequence and have the price of the item be the same.

Previously, it was possible to add/remove items from a Min/Max condiment group and have the resulting items charge different amounts depending on the order in which the operations were performed.

For example, an 8 piece bucket of chicken comes with 2 breasts. If a third breast is ordered, there should be an upcharge of $.80. In this example, buckets can include wings, thighs, breasts or legs. There is not an additional charge for having additional wings, thighs or legs, as long as there is still a total of 8 pieces of chicken in the bucket.

The pieces can either be fried or grilled. This means that there can be 12 different pieces of chicken that can be used to make up a bucket of chicken. If there are up to 2 chicken breasts (either fried or grilled), the bucket is normal price.

The Menu Item Class Print Group of the Fried Chicken Breast and the Grilled Chicken Breast would be higher than those of the other pieces of chicken. This would mean that no matter what order the chicken pieces are ordered, any chicken breasts would move to the pricing process.

When the threshold (in this example, 2) is met, all menu items after the second chicken breast will move to menu level 2, where the chicken breasts will have the $.80 upcharge.

Note   *Items are priced based upon Menu Item Print Group, followed by the Menu Item Object Number.*

Modifying Part of a Multiple Order in Conversational Order Mode Now Supported with the Introduction of the [Make] and [Split] Keys
CR ID #: N/A
SCR #: 36680

With this release, modifying part of a multiple order in Conversational Order Mode is now supported with the introduction of the [**Make**] and [**Split**] keys. A [**Make**] key and a [**Split**] key can now be configured to display on the quantity area of a build screen via the 'Make Key' and 'Split Key' options on the *POS Configurator | Devices | Touchscreens |Touchscreens | Display Options* form.

[Make] Key

The system can now use the new [**Make**] quantity and [**Split**] quantity keys on the touchscreen to implement these new functions outside of the quantity area.

The [**Make**] and [**Split**] keys will open a numeric popup dialog for the user to select a quantity, and will act on the value when the [**OK**] key is pressed. In addition, a new [**Update Quantity**] key has been created to allow the quantity of an item to be updated as if the [Quantity Area Ellipse] key had been used.

Below is a screen shot of some examples of how the quantity are can appear in different states:

◆ Make Key & Split Key Enabled

◆ Make Key Selected

◆ Make Key with quantity

The user may use the [**Make**] key in order to allow items to be created in quantity instead of providing the quantity after the item is ordered. For example, [**Make**][**3**][**Burger Combo**]. The use of the [**Make**] key is optional. The [**Make**] key can also be used to specify the number of items when using Min/Max condiments. For example, [**Make**][**12**][**Mild Wings**].

Note   *The maximum value of the quantity [Make] key is set at 999.*

[Split] Key

The [**Split**] key is used to separate out a specified number of items from the selected group so that they can be individually modified.

When the user creates a menu item or combo meal with a quantity greater than 1, the use of the [**Split**] key will allow the user to select the quantity from the quantity area which will cause that number of items to be split off from the selected item. The user can then update the item that has been split off from the previous group, such has No Lettuce or Large Fries.

When items are split using the [**Split**] key, the user detail area will display a Group Summary Line to allow the operator to quickly read back the order to the customer. In the example below, we have selected [**Make**] [**4**] [**Big J**] sandwiches and the customer would like 2 without lettuce. Select [**Split**] [**2**] [**Lettuce**] to cause 2 of the 4 items to be split off so they can be prepared with no lettuce.

Required Condiments in Conversational Order Mode Using Min/Max Now Supported
CR ID #: N/A
SCR #: 36528, 36679, 36981

With this release, the current Min/Max functionality for condiments is now available in Conversational Order Mode to make required condiments.

'Forced Condiment' and 'Staydown On Max' Options

Two new Min/Max options can now be configured to affect the behavior of Min/Max condiments in Conversational Order Mode: 'Forced Condiment', and 'Staydown On Max'.

The 'Forced Condiment' option is useful when order flow is required, but makes the ordering process less conversational. Note, this only affects Min/Max condiments. When the menu item class is configured to 'Suppress Build Screen', the forced condiments should be satisfied by the user and the system should bring the touchscreen back to the point where the user added the menu item. This option will be grayed out unless the 'Use Min-Max' option is enabled.

The 'Staydown On Max' option can be used to keep the condiment selection build screen from popping to the next condiment group, the main condiment selection area, or original SLU where the menu item was added after the operator had satisfied the condiment group max. This only affects the Min/Max condiments that are forced condiments, or when performing a scan for placeholders.

Both of the 'Forced Condiment' and 'Staydown On Max' options are configurable on the *POS Configurator | Sales | Condiments | Condiment Selection* form.
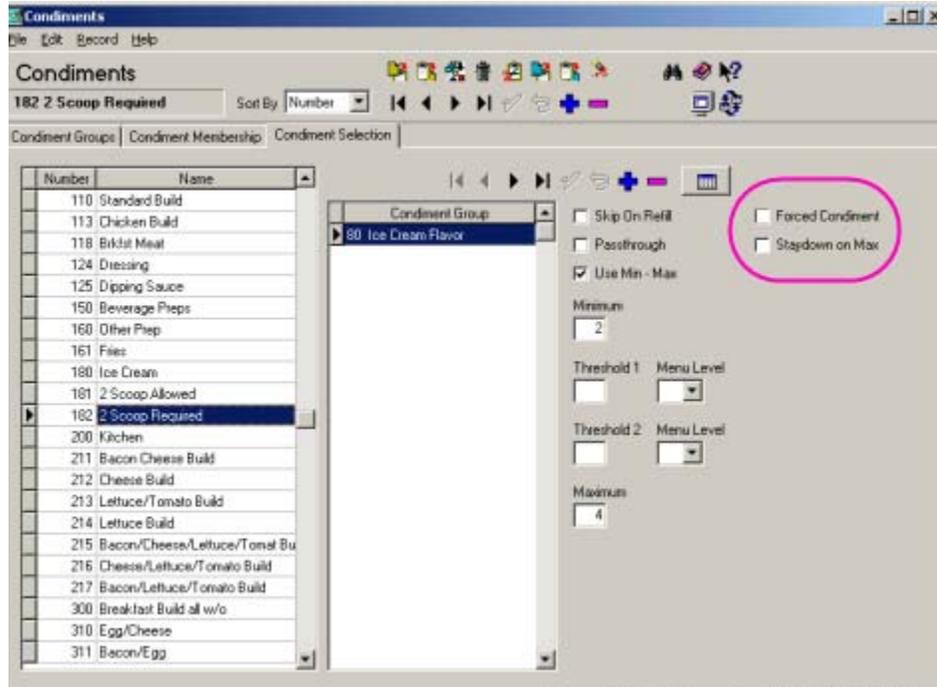
Condiment Placeholders

Condiment Placeholders can now be used to augment the check detail area by adding pending condiment group lines to the display. The image below shoes that the 2 scoop item needs the user to select 2 Ice Cream Flavor condiments and 1 Ice Cream Prep:
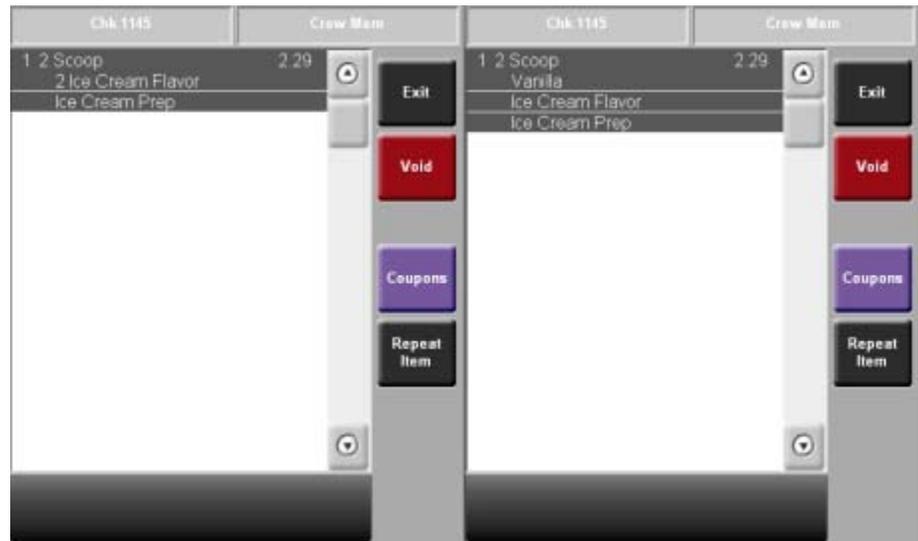
When a Min/Max condiment requires more than one condiment to satisfy the minimum, a quantity value will display to show the user the number of remaining items that need to be selected. The 'Use Condiment Placeholder' option is needed when the restaurant wants to allow the users to move on to ordering other items and come back to satisfy the Min/Max condiments that are not specifically marked as forced condiments.

When the user sends the check, the system will scan for condiment placeholders. The system can also scan for combo meal side item placeholders if the tender is configured to 'Check for Placeholders'.

The 'Use Condiment Placeholder' will be grayed out unless the 'Conversational Ordering Mode' option is enabled on the *POS Configurator | Revenue Center | RVC Transactions* form.
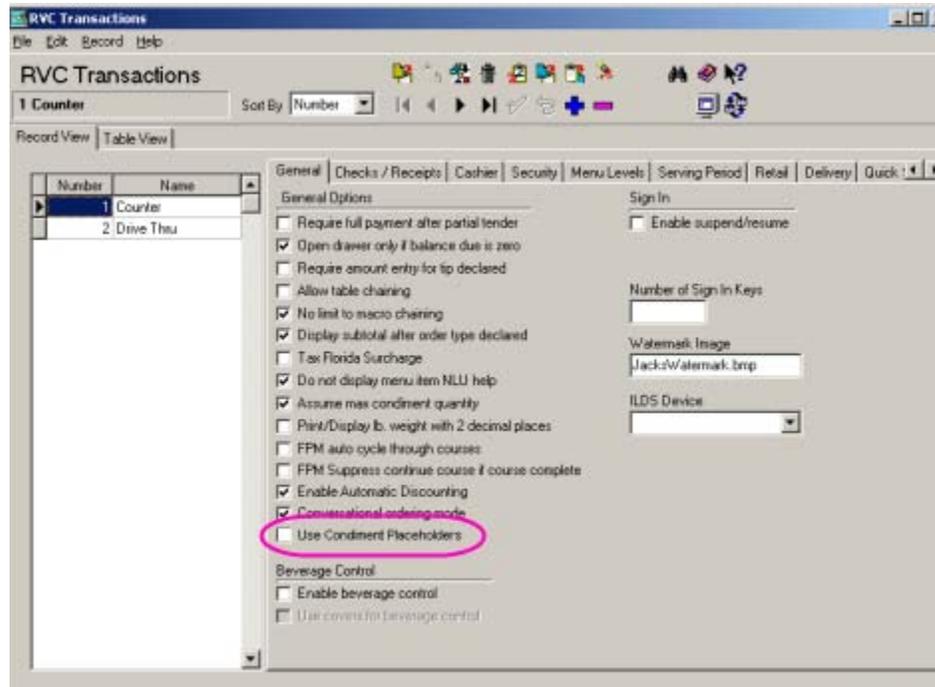
Miscellaneous Min/Max Enhancements

◆ The Condiment Selection Area display has also been augmented to show the number of remaining condiments that the user needs to fulfill in order to move on to the next condiment group. The maximum number of allowed condiments will also remain. The text varies depending on the configuration of the Min/Max condiment.

The following is an example of the 3 possible configurations using the Ice Cream Flavor example from above as the condiment group:

Min < Max	Min = Max and Min > 1	Min = 1 and Max = 1
▪ Select Ice Cream Flavor (Min 2 Max 4)	▪ Select Ice Cream Flavor (4 more)	▪ Select Ice Cream Flavor
▪ Select Ice Cream Flavor (Min 1 Max 3)	▪ Select Ice Cream Flavor (3 more)	▪ Ice Cream Flavor
▪ Select Ice Cream Flavor (Max 2 more)	▪ Select Ice Cream Flavor (2 more)	
▪ Select Ice Cream Flavor (Max 1 more)	▪ Select Ice Cream Flavor (1 more)	
▪ Ice Cream Flavor	▪ Ice Cream Flavor	

◆ The [NO] prefix has been enhanced to properly deplete a Min/Max condiment by 1.

◆ Selecting a Min/Max condiment key when the condiment group has reached the maximum allowed quantity will cause the selection condiment quantity to reset to zero. This works nicely when the Min and Max of a condiment group are both 1, causing the condiment keys to act like a standard GUI radio button.

◆ The system will walk the user through various Min/Max condiments with the 'Staydown On Max' option, affecting whether the system will automatically move on to the next condiment group once the maximum allowed quantity has been reached.

◆ All forced Min/Max condiment groups display with an [Ellipses] key from the main condiment selection area. Previously, the first condiment group would never display from its own [Ellipses] key.

◆ The POS Operations detail area will now consolidate condiments. For example, an order of 25 Wings with 10 BBQ, 10 Mild, and 5 Hot will display as a total of 4 detail lines instead of 26 detail lines.

◆ Min/max condiments with prefixes will not consolidate. Previously, items with the same price but with a different prefix would consolidate to a single item, displaying the prefix information of one of the items incorrectly.

Conversational Order Mode Combo Group Side Item Enhancements
CR ID #: N/A
SCR #: 37096, 37121

With this release, enhancements have been made to the way Combo Group Side Items are handled.

Combo Meal Side Item Default Indicator

The combo meal side items will now show the Default Indicator as shown below:

Force Combo meal Default Confirmation

Combo Meals will now be able to have the default item act like a placeholder item, and will force the user to specifically select the item when more than one choice is available.

When the default item is added by the system, it will first act like a placeholder (based on the new option bit in the combo meal definition). The user will be required to either select the default or choose another item before service totaling the check.

Below is a screen shot of the 2 Scoop ice cream side choice for a Big J Sandwich combo meal. Notice that the 2 Scoop required condiments are not displayed until it has been selected by the user:
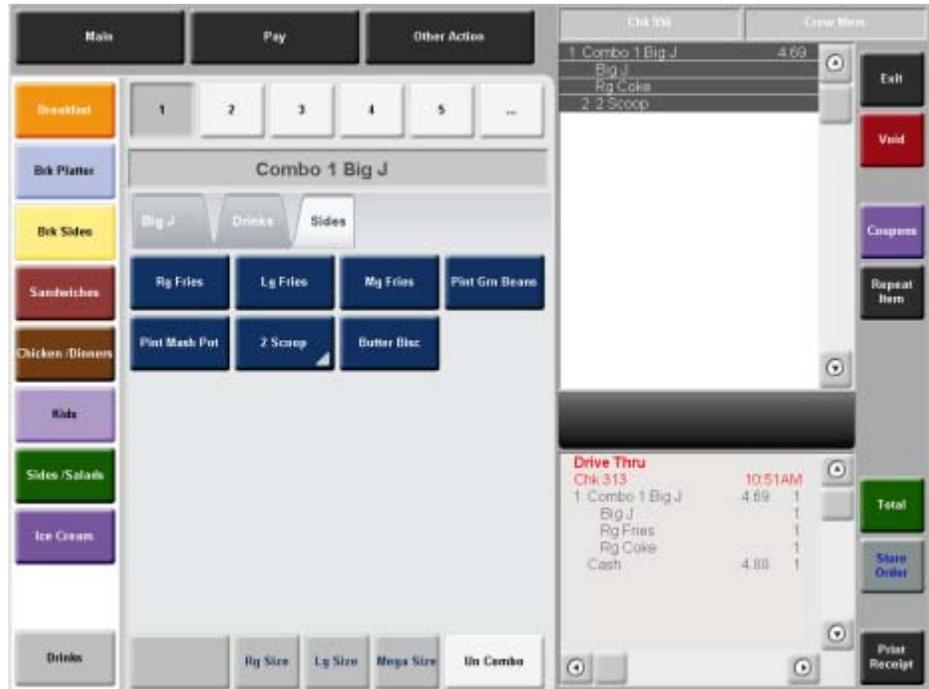
To configure this new option, use the 'Force Default Item Confirmation'

option in the *POS Configurator | Sales | Combo Meals | General* tab.
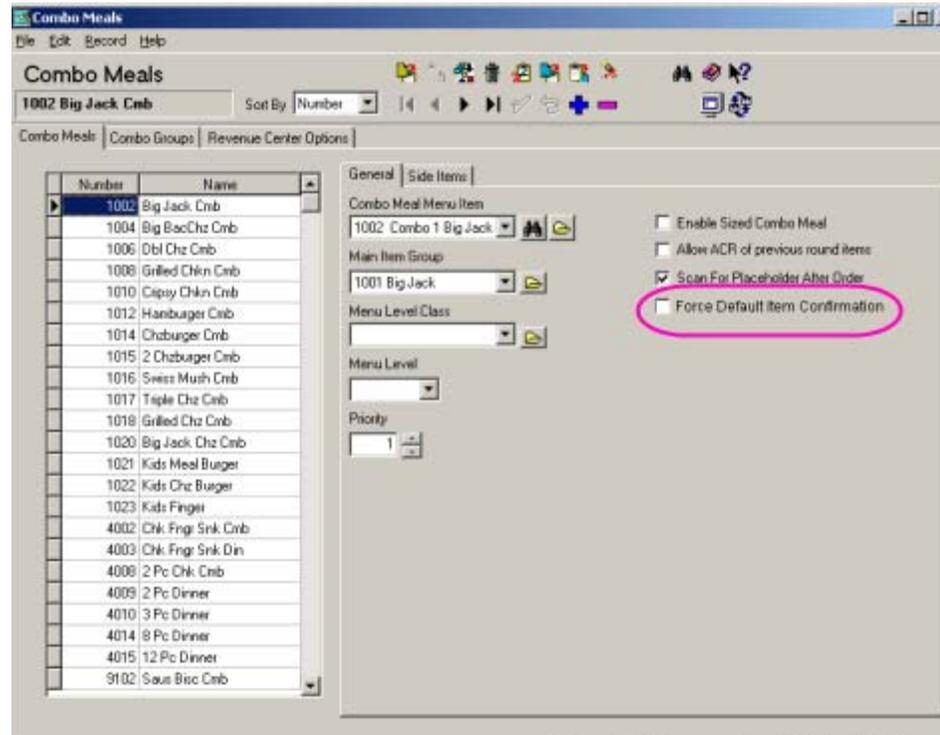
POS Operations Now Displays VIP/Rush Order & Printed Status
CR ID #: N/A
SCR #: 36590

In previous versions, the Rush Order status and VIP status were displayed only on the KDS display. With this release, the same feature has been added to POS Operations. When picking up a check with the pickup check SLU screen, or when using the table screen, the Rush Order status and VIP status will now be displayed.

For Rush Order, POS Operations will display the Rush Order Icon in the open check SLU based on the status from the last round. If the check is picked up and items are added and service totaled without a rush, then the icon will be removed.

Pickup Check SLU

The status's will appear on the first row of the touchscreen key:

Table Screen

The status's will appear in a stacked/overlaid fashion:
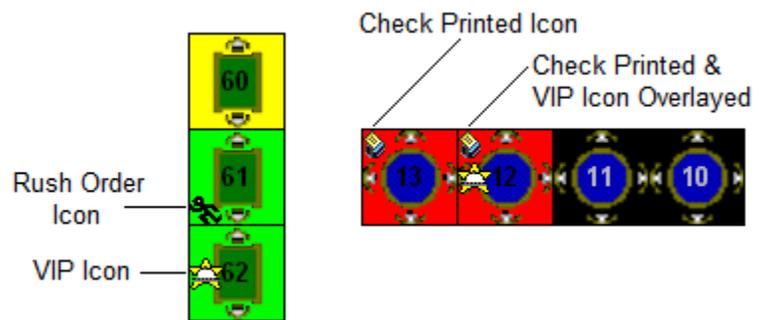
<u>Configuration</u>

The RVC Touchscreens form in the POS Configurator has been updated to include this new feature. The new tab 'Checks' has been added for the configuration of this feature, and includes the Pickup Check SLU icons and the Touchscreen Table key icons.
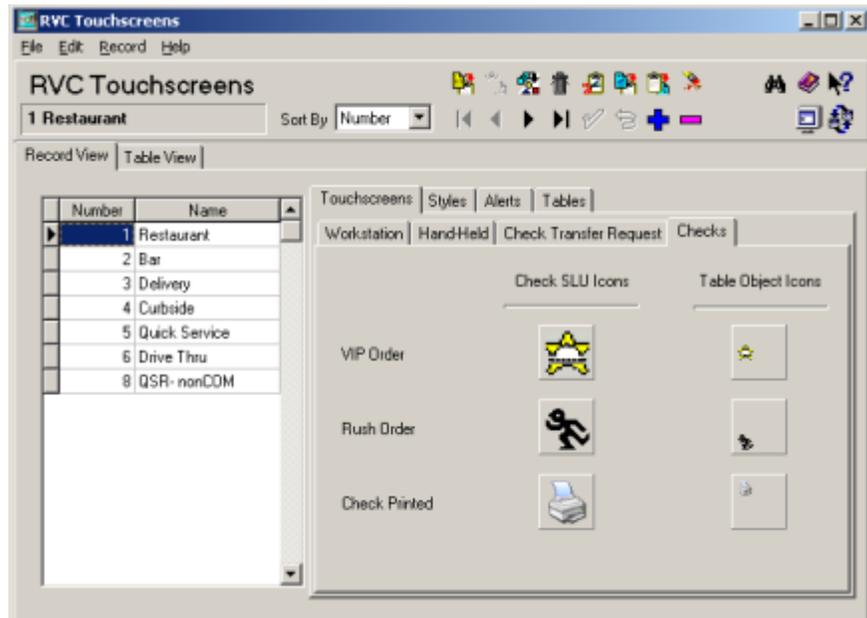
<u>How to Set Up Custom Icons</u>

The customicons.dll created for previous versions of RES will work only on hard-drive clients. Additional customicons.dll files were created for Mobile MICROS and WS4 devices. As before, a user will need to load their own icons into these files using an Icon Editor.

All customicons.dll files are available in the Support\custom icons folder on the RES 4.0 CD and must be manually copied to the folder location for each type of client:

◆ Win32 Clients - \MICROS\RES\POS\Bin

◆ WS4 Clients - \MICROS\Bin

To copy the file to the WS4:

- Create a \MICROS\RES\CAL\WS4\Files\CF\MICROS\Bin folder on the RES Server

- Copy the WS4 customicons.dll to this folder

- Wait up to 30 seconds for the file to transfer to the WS4 client.

◆ WS5 Clients - \MICROS\Bin

To copy the file to the WS5:

- Create a \MICROS\RES\CAL\WS4\Files\CF\MICROS\Bin folder on the RES Server

- Copy the WS5 customicons.dll to this folder

- Wait up to 30 seconds for the file to transfer to the WS5 client.

◆ Mobile MICROS - \MICROS\Bin

To copy the file to the Mobile MICROS client:

- Create a \MICROS\RES\CAL\HHT\MICROS\Bin folder on the RES Server

- Copy the Mobile MICROS customicons.dll folder

- Wait up to 30 seconds for the file to transfer to the Mobile MICROS client.

Note   *The user will need to reboot the clients in order for the new images to take effect.*

Audible Alerts at POS Devices Introduced
CR ID #: N/A
SCR #: 37146

With this release, RES has been enhanced to allow an audible alert from the POS device to help restaurants better handle Minor Labor Laws. A Workstation 5 or WIN32 System can now respond to an Alert Manager definition that has a UWS Alert Method configured. The configuration settings go from 0 - 10. Alert Method 0 is the default and will not produce an audible alert. Alert Method 1 will play the AlertSound1.wav file that can be placed in the ETC folder of the workstation. Alert Method 10 will play the AlertSound10.wav file.

The system will play the appropriate .wav file every 10 seconds until the alert is cleared via the Alert Viewer program. If more than one uncleared alert has a non-zero alert method, the highest uncleared Alert Method will be used.

The volume of the .wav file is based upon the workstation's configuration. If the restaurant doesn't want certain alerts to make any noise at a workstation, they AlertSound[n].wav files should not be deployed to the workstation, or use a .wav file that is effectively silent.

The following have been updated to allow the new Alert Method to be configured:

In 'RES Labor Alerts'

◆ Child Labor Law Work Limits Alert

◆ Overtime Alert

In 'RES Loss Prevention Alerts'

◆ Cash Pull Alert

The following is a screen shot of the updated MICROS *Alert Manager Control Panel | Alert Definitions | RES Labor Alerts | Child Labor Law Work Limits Alert | Extended Configuration* form:
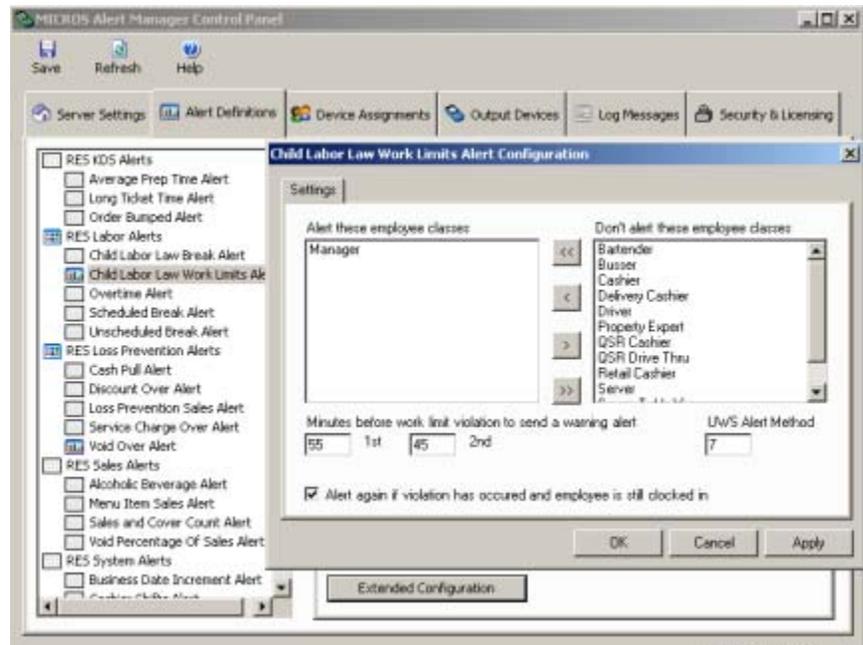
POS Operations Now Supports GSS and Check Info Lines With Up To 32 Characters
CR ID #: N/A
SCR #: 37292

With this release, the GSS and Check Info lines have been increased from 24 characters to 32 characters.

Discount Enhancements
CR ID #: N/A
SCR #: 36678

With this release, RES has been enhanced to add a new 'Multi Item Price Threshold' Rule Type. This rule will allow up to 4 triggers to be configured like the 'Combination Pricing' rule. It applies to a configured Award Menu Item Set with an Award Type of 'Percent Off', 'Amount Off', or 'Amount Substitution'.

The discount can be configured to only apply if the Trigger Total is satisfied. It can also be configured to only apply if the Trigger Quantity is satisfied for each of the configured trigger items. This is designed to satisfy the Buy X and Y to Get Z Discounted scenario.

As an example, the following configuration would apply a 50% discount to an entree if the check also contained 2 appetizers and 2 soups totaling at least $20:

◆ Trigger 1 Menu Item Set of 'Appetizer'

◆ Trigger 2 Menu Item Set of 'Soup'

◆ Trigger Quantity of 2

◆ Trigger Total of $20

◆ Award Menu Item Set of 'Entree'

◆ Award Type set to 'Percent Off'

◆ Percent of 50

Enable Discount Itemizers for Discounts with Rule Type Setup
CR ID #: N/A
SCR #: 37020

With this release, RES has been enhanced to improve the Rule Based discounting to abide by the Discount Itemizer options of a discount definition. This allows a discount to only apply to certain items such as the pizza but not the toppings.

This change does not affect whether an item is considered to be a Trigger, only the application of the discount to the items and the computation of the Trigger Total. This has been designed to allow menu items to be discounted along with some of their condiments, but not all of them.

The following options under the *POS Configurator | Sales | Menu Item Classes | Price/Totals* tab are required:

◆ Auto discount apply to entire meal

◆ Auto discount apply to Condiments

An example of this feature would be having an automatic 'Buy One get One' (BOGO) discount that could be configured to apply using an Ordering Module 'Specialty" item, but NOT apply to any additional toppings.

The user could have a 'specialty' menu item class that uses itemizer 5, and a 'toppings' menu item class that uses itemizer 6. This example would only enable itemizer 5 for the BOGO discount.

For example, the user would ring in 2 'specialty' pizzas (itemizer 5) and add the topping of Extra Cheese (itemizer 6) to both of them. With this discount setup, 1 'specialty' pizza would be discounted but the Extra Cheese topping would not. The customer would still be charged for the extra topping.

Server's 'Check Name' Has Been Added to the Authorization Request Message
CR ID #: N/A
SCR #: 35451

With this release, when submitting an authorization request, POS Operations will provide the employee's 'Check Name' associated with the transaction to the host. Previously, the last name of the employee was sent from POS Operations.

Note   *The 'Last Name' that was provided to the host was a 16 character field, "Check Name' is only 8 characters. As a result of this change, some drivers may be forced to pad the name with SPACE characters to fill the field.*

Enhanced Consolidation Functionality
CR ID #: N/A
SCR #: 36183

With this release, the Consolidation functionality in POS Operations has been enhanced to provide support for the consolidation of Fixed Price Meal (FPM) Course items with 'a la carte' menu items on the OPS Display and Remote Order Devices.

A new option, 'Consolidate with FPM course', is available from the RVC Display Design to control this consolidation enhancement on the OPS Display. This consolidation, like any other OPS Display consolidation, can be toggled OFF via the [Toggle Consolidation Mode] key.

The following shows the check detail area with the new RVC Display Design 'Consolidate with FPM course' option OFF (left side) and with the new option ON (right side).

A new option, 'Consolidate with FPM course', is available from Order Devices to control this consolidation enhancement on the Remote Order Device output. Note that FPM Course items will only consolidate if the FPM Main item is not sent to the device.

Below are examples of chits that are sent to Remote Order Devices:

```
        UNCONSOLIDATED                        CONSOLIDATED

             Restaurant                          Restaurant
    * * * Hot Line Remote * * *          * * * Hot Line Remote * * *

    101 Sally S                          101 Sally S
   ------------------------------       ------------------------------
   Tbl 31/1        Gst 0                 Tbl 42/1        Gst 0
       Station 3                            Station 4
   ------------------------------       ------------------------------
       Eat In                               Eat In

   4 Quiche                              7 Quiche
     3                                     5
       Caesar Salad                          Caesar Salad
     1  Onion Soup                         2  Onion Soup

   3 Quiche                              ------------------------------
     2                                   Chk 161        Mar08'10 11:39AM
       Caesar Salad
     1  Onion Soup

   ------------------------------
   Chk 162       Mar08'10 01:16PM
```

<u>Configuration</u>

POS Configurator | Revenue Center | RVC Display Design

The 'Consolidation FPM with 'a La Carte' items' checkbox has been added to control the consolidation of FPM Course items with A La Carte menu items when displayed in the OPS Detail area.
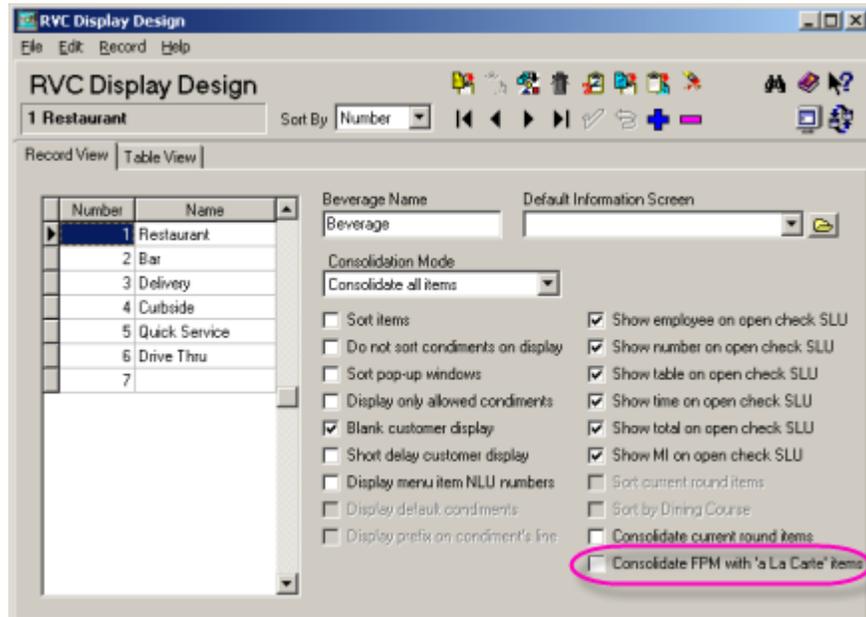
*POS Configurator | Devices | Order Devices | Options | Sorting/
Formatting*

The 'Consolidate FPM with 'a La Carte' items' checkbox has been added
to control the consolidation of FPM Course items with a La Carte menu
items when printed to a Remote Order Device.
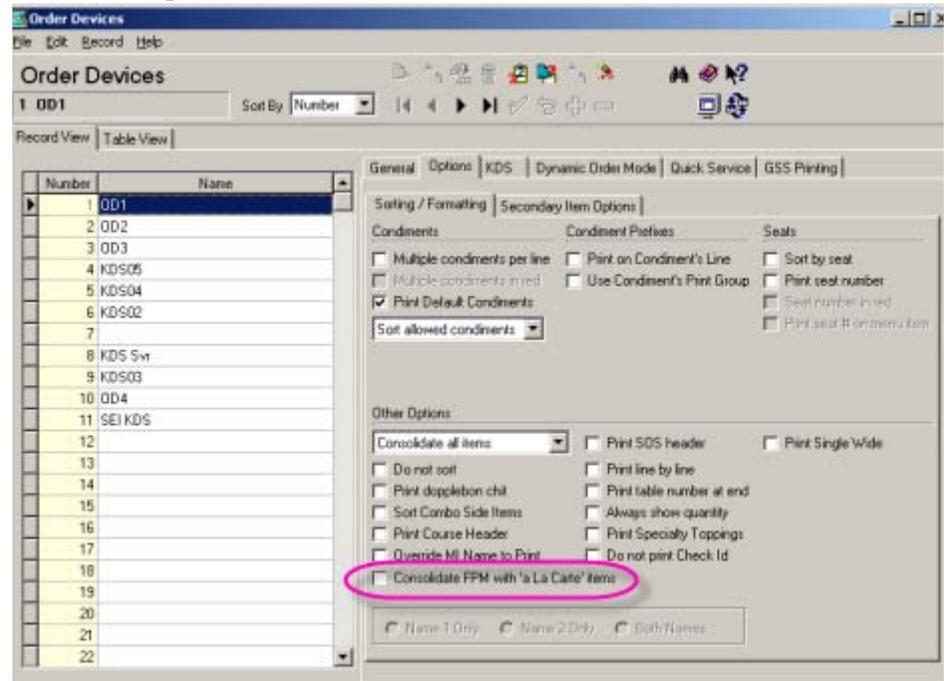
Inclusive Service Charge Introduced
CR ID #: N/A
SCR #: 36189

With this release, an 'Inclusive Service Charges' option has been added
to the Service Charge definition. Inclusive Service Charges are
automatically added to the guest check just like an Automatic Service
Charge.

<u>Configuration</u>

The following options have been added to the *POS Configurator |*
Revenue Center | RVC Discount/Service tab:

◆ Auto Inclusive Service Charge
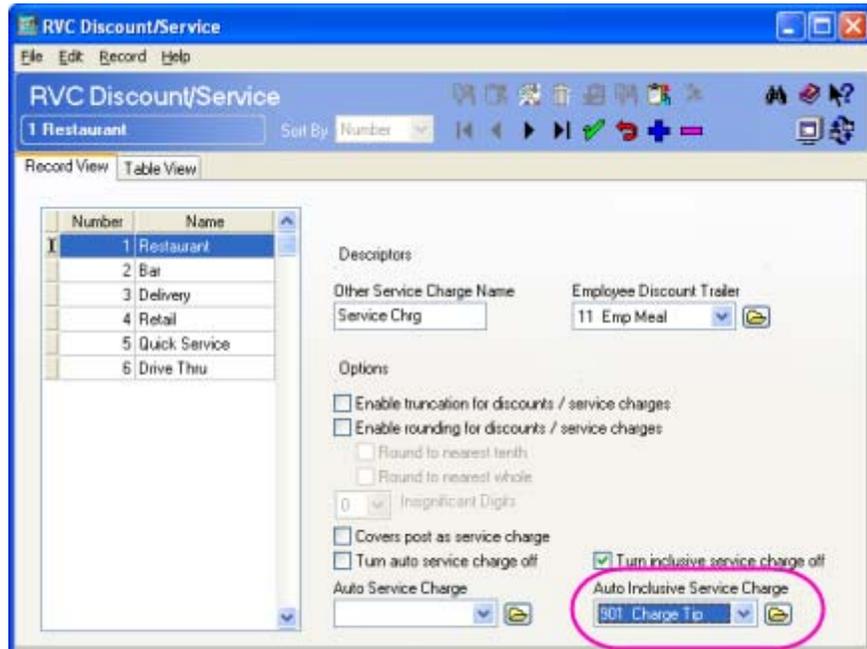
When this option is enabled, the inclusive service charge will be
automatically applied to transactions and will be included in the
menu item's price.

There will be no indication in the POS Operations detail window that
this inclusive service charge has been added. The guest check will
show the inclusive service charge.

Note   *An inclusive auto-gratuity is a percentage of menu item sales.*
Fixed amount inclusive srevice charges are not supported.

◆ Turn inclusive service charge off
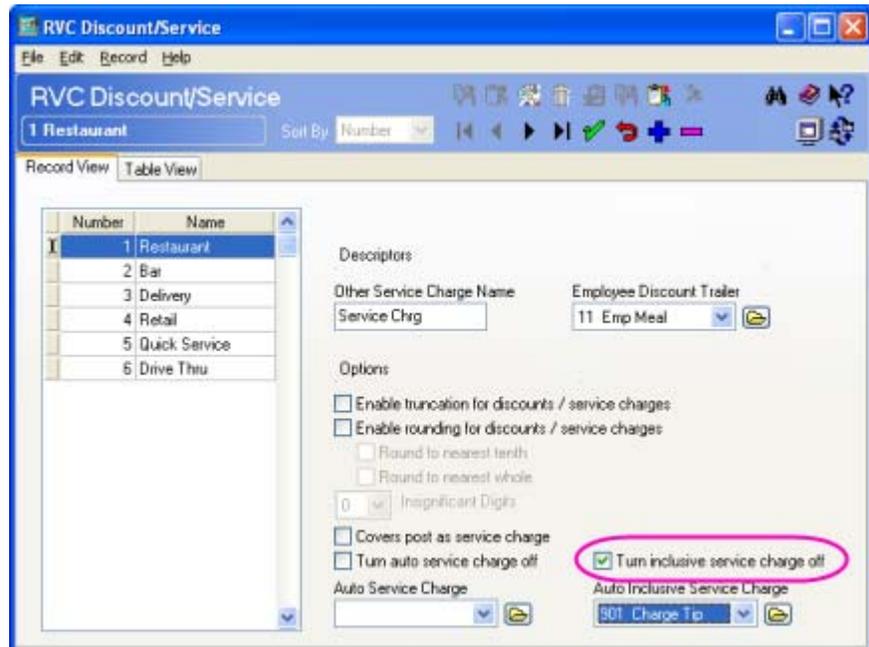
This option is only active when there is an entry in the Auto Inclusive Service Charge field. When this option is enabled, the automatic service charge will be disabled when a transaction is begun.

The following has been added to the *POS Configurator| Employees | Employee Classes | Transactions | Transaction Control* tab:

◆ Exempt inclusive service charge
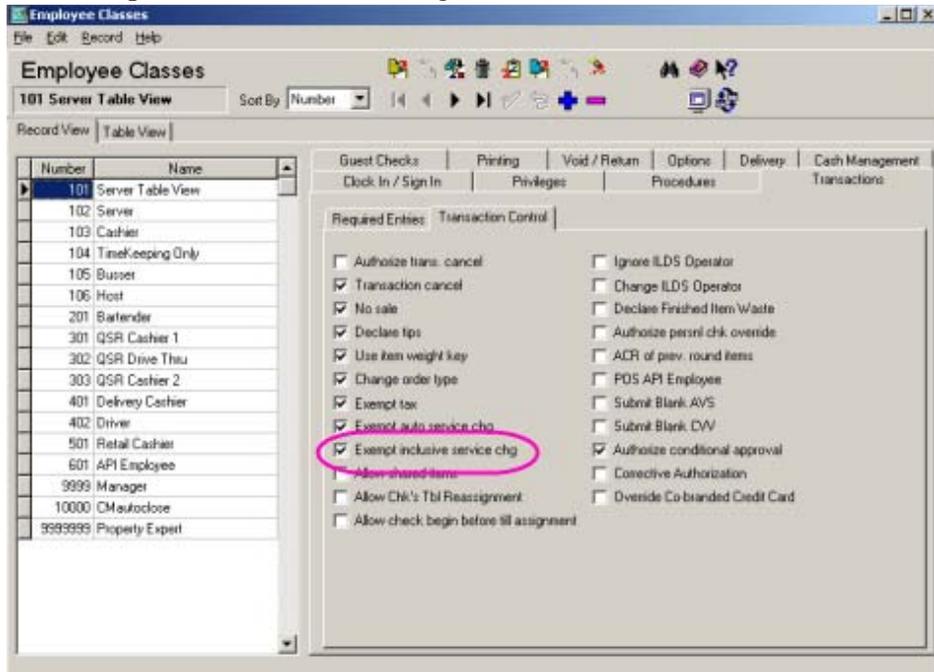
When this option is enabled, employees in this class will be allowed to use an [Incl Service Charge Exempt] key to exempt Automatic Inclusive Service Charges. Employees with this privilege may also authorize non-privileged employees to use an [Incl Service Charge Exempt] key.

The [Incl Service Charge Exempt] key is located in Functions: check options.

◆ The following has been added to the *POS Configurator | Sales | Tender Media | Tender* tab:
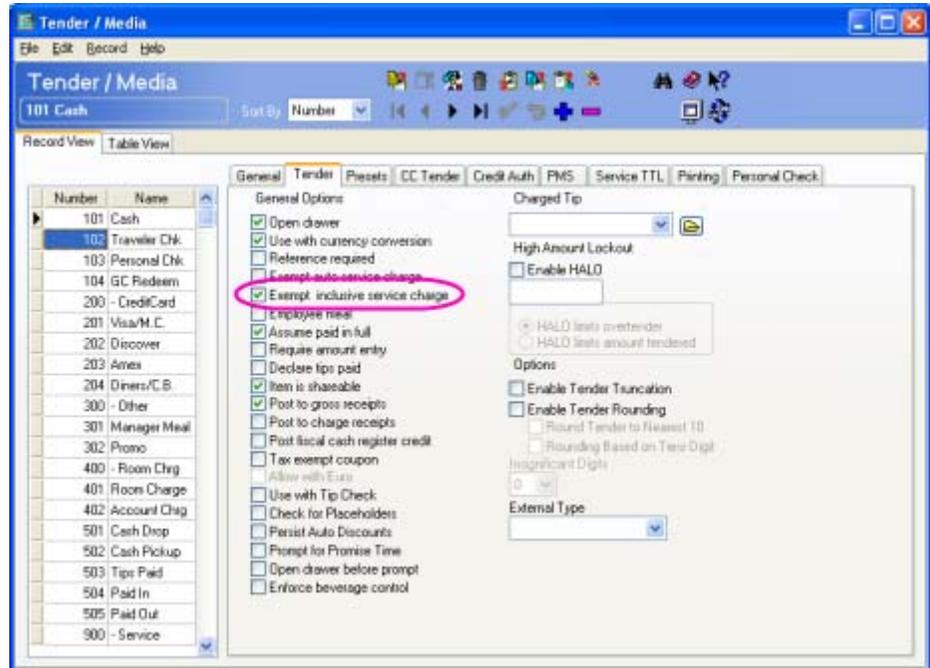
Tenders with the Exempt inclusive service charge option enabled will not apply an automatic inclusive service charge.

Reports

Ability to Hook Into Custom Procedures to Calculate Delivery Time Introduced
CR ID #: N/A
SCR #: 37106

With this release, customers can now change the calculations related to the computation of the approximate delivery time for each order based on their restaurant's specifications. This is done through the MICROS.sp_UpdateEmplDDAVailStatus procedure.

Tables Added to Support Custom Reports to Track Employee Sales by Till

CR ID #: N/A
SCR #: 36281

The following tables have been added to support the tracking of employee sales by till:

◆ DLY_SYS_TILL_TTL

   Logic Name= 'Daily System Employee Till Total', hist_ttl_seq =54.

◆ DLY_SYS_TILL_OT_TTL

   Logic Name= 'Daily System Employee Till Order Type Total', hist_ttl_seq =55.

◆ DLY_SYS_TILL_TRK_TTL

   Logic Name= 'Daily System Employee Till Tracking Total', hist_ttl_seq =56.

These new tables are similar to DLY_SYS_TTL, DLY_SYS_OT_TTL, and DLY_SYS_TRK_TTL but have two extra columns: CM_TILL_ID and EMP_SEQ in their primary keys to identify the till and employee.

Note   *No core reports use the data from these 3 new tables. A custom report will need to be created if desired.*

Peripherals

'ViVOpay' Vivotech Device Now Supported

CR ID #: N/A
SCR #: 36140

With this release, the 'ViVOpay DTc' has been added as a new peripheral for a workstation.

The ViVOpay DTc is a customer facing payment card reader. The ViVOpay consists of an LCD display, contactless card reader (RFID), and a magnetic stripe card reader.

During a transaction, the LCD display will provide the transaction amount and other information to the customer. The customer may submit payment by either swiping their credit card or tapping the card against the ViVOpay faceplate.

Configuration

A ViVOpay DTc is configured in RES as a workstation peripheral.
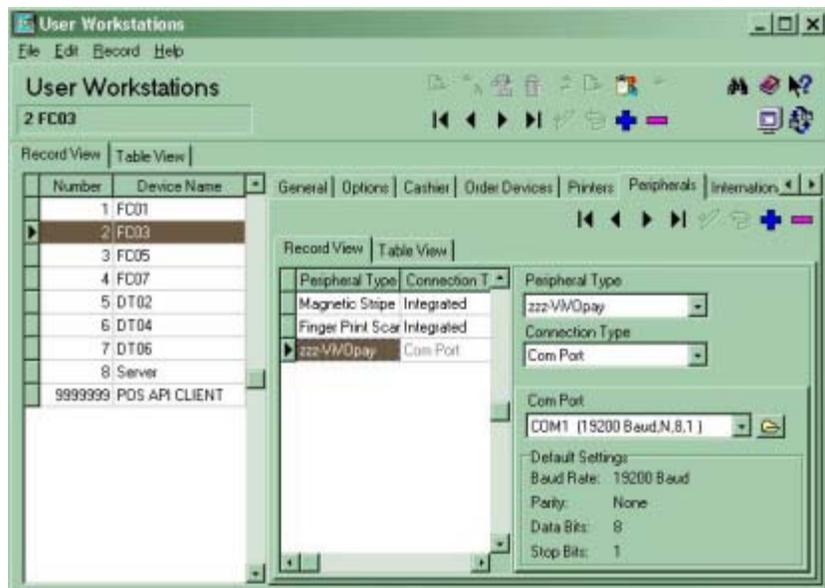
The default COM port setting for the ViVOpay is:

◆ Baud rate: 19,200

◆ Parity: None

◆ Data bits: 8

◆ Stop bits: 1

The COM port setting used by the ViVOpay cannot be altered.

Confidence Testing

This new device can be tested using the 'MICROS Confidence Test' diagnostic utility. To do so, select 'PINPad' and the 'ViVOpay DTc' tab (i.e.- run Display Test).

Device Activities

1. OPS Startup: When OPS starts up, it will initialize the ViVOpay DTc peripheral. During initialization, the ViVOpay should beep once and the LCD screen will clear.

2. Begin check: When a check is begun, the ViVOpay will:

   a) Display 'Welcome' on the first line of the LCD display

   b) Display 'Total Due' along with the total amount due on the second line of the LCD display

   c) Illuminate the blue LEDs at the bottom of the face of the ViVOpay to indicate that a credit card can be swiped or tapped for payment

3. Card swiped: When a card is swiped, the ViVOpay will:

   a) Beep once

   b) Flash the four green LEDs below the LCD display

   c) Turn off the blue LEDs

   d) Turn on the yellow/orange LED

e) No longer accept card swipe until payment has been tendered

4. Contactless card tapped: When a card is tapped, the ViVOpay will perform the same actions as if a card were swiped.

5. Items added to check: When items are added to the check, the 'Total Due' on the LCD display will be updated to reflect the new amount due.

6. Cashier presses 'Credit Card' in OPS: When a cashier performs a credit card payment

   a) If a card has not been swiped/tapped, 'Swipe Card' will display on the first line of the LCD display

   b) After a card has been swiped/tapped, the display will show 'Waiting for Authorization' while the transaction is completed.

   c) After the transaction is completed, the LCD display will show 'Authorized'.

   d) The 'Total Due' will be updated to reflect the amount due after payment

   e) Turn off the yellow/orange LED

7. Check closed: When a check is closed, the LCD display of the ViVOpay will be cleared and then it will display 'Thank You'.

Printing

Dual Receipt Printing
CR ID #: N/A
SCR #: 36597

With this release, POS Operations can now print and prompt for multiple guest checks based upon configuration options for Order Types, Tenders, Discounts, and Service Charges.

The following options have been created in the *POS Configurator | System | Order Types | General* tab:

◆ Print Multiple Guest Checks/Receipts

◆ Prompt for Multiple Guest Checks/Receipts

The following options have been created in the *POS Configurator | Sales | Tender/Media | Printing* tab:

◆ Print Multiple Guest Checks/Receipts

◆ Prompt for Multiple Guest Checks/Receipts

The following options have been created in the *POS Configurator | Sales | Service Charges | Options* tab:

◆ Print Multiple Guest Checks/Receipts

◆ Prompt for Multiple Guest Checks/Receipts

The following options have been created in the *POS Configurator | Sales | Discounts | Options* tab:

◆ Print Multiple Guest Checks/Receipts

◆ Prompt for Multiple Guest Checks/Receipts

The following options have been created in the *POS Configurator | Revenue Center | RVC Printing* tab:

◆ Print Multiple Guest Checks/Receipts

◆ Prompt for Multiple Guest Checks/Receipts

◆ Number of Checks/Receipts to Print

Note   *Whether these options are being used by Order Type, Tender, Discount or Service Charge, the number of checks that will print out is determined by what is configured in the 'Number of Checks/ Receipts to Print' field in the Revenue Center | RVC Printing tab.*

3700 POS
What's New

Setup

Workstation 5A Now Supported
CR ID #: N/A
SCR #: 37198

RES 4.8 supports a new workstation type, the WS5A. It is a faster version of the WS5. Its appearance is identical to the WS5 except that it has a white power light instead of a blue power light. It is available with either CE 6.0 or POS Ready 2009.

MD0003-151
April 15, 2010
Page 53 of 151

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current 3700 POS application. To qualify as an enhancement, the change must satisfy the following criteria:

◆ The basic feature or functionality already exists in the previous release of the software.

◆ The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

The table below summarizes the enhancements included in this version.

Module	Feature	Page
Biometrics	Digital Persona Finger Print Reader Reliability Improved	55
	Fingerprint Driver Enhancement	55
Database	Menu Item Price Sequence Number Expanded	56
	Clock Out Time Has Been Improved	56
POS Operations	Ops.exe Version is Now Logged During Startup	57
	POS Operations Performance was Slow With Use of Themes and Conversational Order Mode (COM)	57
	Tray Totals Function Updated	57
POS Configurator	Employee Job Type Cannot be Changed While Employee is Clocked In	58
	Menu Board Font Improvement	58

Module	Feature	Page
Printing	Printing Performance Has Been Improved	59
Transaction Analyzer	Transaction Analyzer Now Supports Decimals for Service Charges	59

Enhancements Detailed

Biometrics

Digital Persona Finger Print Reader Reliability Improved
CR ID #: N/A
SCR #: 36554

The reliability of Digital Persona Finger print readers has been improved. A new driver which recalibrates the finger print reader every 30 minutes for the WS4 is now included in RES v4.7 and higher. The new driver for the WS4LX is available in the latest WS4LX platform (GR 1.5). The new driver for the WS5 is available in the latest WS5 platform (GR 1.3).

Note   *These new platforms are expected to be released in June 2010.*

Fingerprint Driver Enhancement
CR ID #: N/A
SCR #: 36555

With this release, the current version of PeriphsDIIWS4 will close and re-open the device driver instead of Unloading and Loading it whenever POS Operations loses focus. This change was made to prevent the fingerprint scanner from becoming unresponsive after being unloaded and reloaded.

Database

Menu Item Price Sequence Number Expanded
CR ID #: N/A
SCR #: 36315

Previously, the Menu Item Sequence Number was limited to 9,999,999 in the MI_PRICE_DEF table. With this release, the limit has been increased to two billion for MI_PRICE_SEQ.

The following RES 'Store Procedures' have been affected:

◆ SPEO_R_MI_INFO

◆ SP_COPYMIPRICE

The following EM 'Store Procedures' have been affected:

◆ SPEM_GETMIEFFFROMDATE

◆ SPEM_MENU_ITEM_RPT

◆ SPEM_FL_TAX_RPT

The following RES 'Table Columns' have been affected:

◆ MI_PRICE_DEF.MI_PRICE_SEQ

◆ EM_PENDING_PRICE_CHANGE_LOG.MI_PRICE_SEQ

Clock Out Time Has Been Improved
CR ID #: 28364
SCR #: 37066

It has been found that when upgrading to RES Version 4.3 and higher, the clock out process could take a long time to complete. This has been improved with this release. The time that it takes to clock out has been significantly reduced.

POS Operations

Ops.exe Version is Now Logged During Startup
CR ID #: N/A
SCR #: 36926

The Ops.exe version and when it was built, is now logged by the Server and all clients in the 3700d.log when POS Operations is started.

POS Operations Performance was Slow With Use of Themes and Conversational Order Mode (COM)
CR ID #: N/A
SCR #: 36942

Previously, POS Operations' performance was slower when using themes and COM. Performance improvements have been made with the use of themes and COM, particularly on the WS5.

Tray Totals Function Updated
CR ID #: 28363
SCR #: 37064

With this release, POS Operations has been updated to allow the Tray Total mode to be preserved between service rounds. Previously, the Tray Totals status would not persists between service rounds unless one or more trays were paid in full.

POS Configurator

Employee Job Type Cannot be Changed While Employee is Clocked In
CR ID #: 36988
SCR #: 36371

In previous versions, an employee's job type could be changed at any time, causing reports to appear incorrect.

With this release, an employee's job type cannot be changed from hourly to salary, or salary to hourly, while the employee is clocked in, on break, or on a paid break.

Menu Board Font Improvement
CR ID #: N/A
SCR #: 37383

In previous versions, the fonts listed in the *POS Configurator | Devices | Menu Board Fonts* drop down selection were hard coded. Fonts that were installed on the user's system would not show in the list of available fonts.

With this release, the list of fonts available in the drop down list in *POS Configurator | Devices | Menu Board Fonts* now reflects what is contained in the system's C:\Windows\Fonts folder.

Printing

Printing Performance Has Been Improved
CR ID #: N/A
SCR #: 37110

In previous versions it has been reported that hesitation occurs when printing a guest check to a serial printer from a Workstation 5. With this release, the printing performance from the Workstation 5 has been improved.

Note	*In order to see this serial printing performance improvement, the baud rate must be set to 19200.*

Transaction Analyzer

Transaction Analyzer Now Supports Decimals for Service Charges
CR ID #: 28620
SCR #: 37242

In previous versions, Transaction Analyzer would not allow a check report to be run on a transaction with service charges that included decimals. With this release, the service charge percent will be shown with two digits after the decimal point in the check report (ex. 15.25%).

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

◆ The basic form, feature, or functionality must be part of the previous version of the software.

◆ The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. These issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

The table below summarizes the revisions included in this version.

Module	Revision	CR ID/ SCR	Page
Licensing	Sentinel Key Errors Would Be Logged at Low Verbosity When Using MAL	N/A/ 37448	67
Database	Clients Were Getting Stuck While Waiting for the MDSHosts.xml File	N/A/ 36912	68
	MDSHTTPService.exe Could Stop Running	N/A/ 36862	68
Back of House	When DM was Run From a Command Line, the Timer Would Show Incorrect Time	N/A/ 36535	68

Module	Revision	CR ID/ SCR	Page
POS Operations	Selecting Next Tray on Workstation 5 Caused POS Operations to Error	28194/ 36946	69
	Voiding a Discount Would Leave Partial Discount	N/A/ 35243	69
	COpsAlertManager.cpp Error Would Appear When Running Alert Manager In Backup Server Mode	N/A/ 36908	69
	Previous Round Check Would Not Display Menu Item Availability on SLU Keys When in Conversational Ordering Mode (COM)	N/A/ 36786	70
	When a Manual Discount Had a Rule Type Set Up, Privilege Levels Would be Disregarded	27863/ 36650	70
	POS Operations Would Incorrectly Retrieve Authorization Response That Was Not Ready	N/A/ 36953	70
	ISL Command Would Cause POS Operations to Close When Used in a Specific Manner	28296/ 37026	71
	Combo Meal Side Items Would Incorrectly Consolidate in Current Round	N/A/ 36977	71
	POS Operations Would Error Out when 'Enable Printer Destination Selection' Option was Enabled	N/A/ 36866	71
	Tax Shift Would Ignore Parent Item if Condiment is Entered	28223/ 37000	71
	Slu Items Would Overlap Other Touchscreen Objects in Conversational Order Mode	28181/ 36938	72

Module	Revision	CR ID/ SCR	Page
POS Operations Cont.	Edit Seat Would Not Function in Conversational Order Mode	28324/ 37039	72
	Scroll Down Would Not Work on Multiple Condiment Pages in Conversational Order Mode	28195/ 36948	72
	Clear Key Would Add 'Clear [Item]' When used Without an Existing Condiment in Conversational Order Mode	N/A/ 36529	73
	'Check Detail Read Failed' Error Would Appear After Filtering Seat	N/A/ 36982	73
	Warning 'Memory Low' Could Display on the Workstation 5 if Many Background Images Were Used	28328/ 37040	73
	Reopen Closed Check Could Cause BSM/ SAR Prompting	28295/ 37025	74
	Min/Max Condiment Would Not Keep Menu Level if Change Condiment Function Was Used	N/A/ 36726	74
	Labor Would Be Incorrect if an Employee Clocked Out Just Before the Daylight Savings Time Change	28343/ 37052	74
	Menu Items Which Triggered an Automatic Discount Would Display a Build Screen When Programmed Not To	28599/ 37223	75
	Updating the Check ID via the POS API was not Possible	N/A/ 36970	75

Module	Revision	CR ID/ SCR	Page
POS Operations Cont.	Invalid Menu Level for Credit Cards when Switching Menu Levels with Credit Card Authorization	N/A/ 36867	75
	Non-Revenue Service Charge Could be Configured as an Automatic Service Charge	28423/ 37101	76
	Discount Could Cause Combo Meal Auto-Recognition to Loop	28261/ 36996	76
	Check Detail Would Not Populate with Direct Access Menu Item	28513/ 37161	77
	Promise Time Would Affect Fire Time	N/A/ 37005	77
	Method of Disabling Right Click on Workstation 5 Has Been Changed	N/A/ 36984	78
	Check Number Would Show Up as Zero on the Add/Transfer SLU Screen	N/A/ 37224	78
	Parent Menu Items and Condiments Were Not Properly Consolidated in API	N/A/ 37124	78
	Touchscreen Flow Has Been Improved	28671/ 37269	79
	Was Not Possible to Change Menu Level of Scanned Items	24703/ 33829	79
	ResPosAPI_EPayment Authorization Code Was Not Being Sent to POS Operations	28741/ 37316	79
	A Check ID Less Than 16 Characters Would Produce Invalid Error in Web API Interface	27106/ 36218	80

Module	Revision	CR ID/ SCR	Page
POS Operations Cont.	Combo Meal Ordering Flow Was Invalid After Last Item Void	N/A/ 37390	80
	Alpha Numeric Screen Would Not Appear On A Reference Required Menu Item or Discount	28925/ 37387	80
	Swapping Two Items with the Same Allowed Condiments Would Result in the First Condiment Dropping	28861/ 37374	81
	The 'Minute' and 'Hour' Labels Were Reversed in the Promise Time Dialog on CE Clients	N/A/ 37414	81
	ResPosAPI Would Show an 'F' Flag in the Credit Card Batch Detail Report For On-Line Base Floor Limit Authorizations	N/A/ 37041	82
POS Configurator	In the MX870 Tab, a Custom 'End Transaction' Control Would Gray Out After Saving	N/A/ 36919	82
	Carside TO GO Configuration Would Allow High Entry in the 'Adjustment Expire Time' Option	35661/ 36424	82
	Three Fields Truncated in POS Configurator | System | Restaurant | Options Form	N/A/ 37251	83
	Error Assigning a Quick Count Inventory Item With Price Set to Zero	28534/ 37168	83
	BY DESIGN, 'Display New Order Notification' Is Not Supported in Dynamic Order Mode	N/A/ 37122	83

Module	Revision	CR ID/ SCR	Page
POS Configurator Cont.	'User Must Change Password At First Logon' Was Not Working With Enhanced Security	28870/ 37380	83
	Canceling From the 'Cover Count' Popup Would Remain on Popup Screen	N/A/ 37386	84
	Menu Item Sets Would Not Sort by Name or Number	N/A/ 37406	84
Printing	Employee's Would Not Revert to the Default Touchscreen After Cashing a Check	28281/ 37006	84
Peripherals	MX870 Would Not Allow for Custom Payment Confirmation Form	N/A/ 36953	85
Menu Board	Menu Boards Would Exit When Left On Overnight	27886/ 36670	85
	Making Changes to Panels Used On Multiple Menu Boards Would Result in Errors	N/A/ 36539	85

Module	Revision	CR ID/ SCR	Page
Reports	Discounts Would Show Up for the Wrong Employee After a Check Transfer	28024/ 36876	86
	'Return/Void Reason Code' Report Would Show the Employee's Name Who Transferred the Check	28023/ 36875	86
	Netsales Figures Were Wrong in Report TP_S204.rpt	16637/ 23491	86
	Counts Were Being Inflated On Discount Reports	28499/ 37160	87
	Totals Values in the Delivery Speed of Service Report Were Wrong	N/A/ 37259	87
Reports Cont.	Delivery Speed of Service Report Could Show Incorrect Promise Time	N/A/ 37260	87
	Stored Procedure SP_CLOSE_TEAM Would Set the END_TIME to Now For All Rows	N/A/ 33864	88
Autoseq & Reports	Applications Would Timeout if Max Idle Time was Exceeded during End of Day	27870/ 36656	88
	Compound Tax With GST Option Not Working	28153/ 36906	88
Report Viewer	Support to Change Passwords Has Been Added	N/A/ 36408	89
Credit Cards	Unable to Cancel Check After a Declined Credit Card Authorization	28109/ 36880	89

Module	Revision	CR ID/ SCR	Page
TMS Interface	A Manually Suggested Table Would Never be Considered for Automatic Suggestion	N/A/ 36582	90
	VIP Guests Would be Listed Behind Non-VIP Guests	N/A/ 36581	90
Translation	Japanese Translation Label Issues in POS Configurator	N/A/ 36399	90
OCB	Display Issue with Side Item Placeholders	N/A/ 37236	91
Delivery Dispatch	Delivery Dispatch Would Open Behind POS Operations	N/A/ 37128	92
Interface Server	Fixed Period Job Code Totals Were Not Resetting in 3 Tables When Reposting Labor	28889/ 37393	93
Manager Procedures	Incorrect GMT Was Inserted When Using GMT +10	28819/ 37352	94
Hardware	Applications Were Receiving 'Access violation in MicrosAccess.dll' on Tablet PC	28969/ 37382	94

Revisions Detailed

Licensing

Sentinel Key Errors Would Be Logged at Low Verbosity When Using MAL
CR ID #: N/A
SCR #: 37448

Previously when MAL was enabled, the following Sentinel key error would be logged at verbosity set to zero:

```
Failed to find Sentinel SuperPro hardware key [0][3]
Cannot read key [2]
```

This has been corrected. With this release, Sentinel key errors will be logged at verbosity zero when MAL is not enabled, and will be logged at verbosity two or higher when MAL is enabled.

Database

Clients Were Getting Stuck While Waiting for the MDSHosts.xml File
CR ID #: N/A
SCR #: 36912

Previously, after running a RES patch, some of the clients would be left 'waiting for host file'. This has been corrected.

MDSHTTPService.exe Could Stop Running
CR ID #: N/A
SCR #: 36862

Previously, there were parts of the MDSHTTPService.exe code that were not thread safe and could in rare circumstances cause the application to stop running unexpectedly. This has been corrected.

Back of House

When DM was Run From a Command Line, the Timer Would Show Incorrect Time
CR ID #: N/A
SCR #: 36535

Previously, it was found that when '**DM -B**' was run from a command line, the date would be incorrect and different from Windows. This would only happen from a command line, not when opening DM.exe from the shortcut. This has been corrected.

POS Operations

Selecting Next Tray on Workstation 5 Caused POS Operations to Error
CR ID #: 28194
SCR #: 36946

Previously on a Workstation 5, if a user selected the [Tray Totals] button and then selected [Next Tray], POS Operations would receive an application error: `'Application ops.exe encountered a serious error and must shut down.'` This has been corrected.

Voiding a Discount Would Leave Partial Discount
CR ID #: N/A
SCR #: 35243

Previously, when attempting to Void a discount (*Open $ Disc*) from a check and choosing [**Clear**], [**OK**], or entering an invalid Authorization Code when prompted, only part of the discount would be voided when a valid Authorization code was then entered. This has been corrected.

COpsAlertManager.cpp Error Would Appear When Running Alert Manager In Backup Server Mode
CR ID #: N/A
SCR #: 36908

Previously when running Alert Viewer on a client and then going into Backup Server Mode, and error message would appear on the screen. This has been corrected.

Previous Round Check Would Not Display Menu Item Availability on SLU Keys When in Conversational Ordering Mode (COM)

CR ID #: N/A
SCR #: 36786

Previously when using COM, it was possible that when opening a previous round check the Menu Item Availability would not be displayed on the SLU buttons when ringing in a Combo Meal. Once a side was selected and the user went to another screen, the Menu Item Availability would then appear on the SLU buttons when going back to the original screen. This has been corrected.

When a Manual Discount Had a Rule Type Set Up, Privilege Levels Would be Disregarded

CR ID #: 27863
SCR #: 36650

Previously, privileges were not being enforced for manually applied automatic discounts. This has been corrected. Now a manual, or a manually enabled automatic discount will take privileges into account.

POS Operations Would Incorrectly Retrieve Authorization Response That Was Not Ready

CR ID #: N/A
SCR #: 36953

Previously when using certain credit card tenders, if the authorization was not received quick enough, POS Operations would return 'Unsupported CA Response'. This has been corrected.

With this release, POS Operations will wait longer for the authorization response. If the authorization response does not come after 4 minutes, then POS Operations will display the message 'Timeout awaiting response'.

ISL Command Would Cause POS Operations to Close When Used in a Specific Manner
CR ID #: 28296
SCR #: 37026

Previously, the @VOIDSTATUS and @RETURNSTATUS ISL commands could have been used to improperly access the address space of OPS.exe and would cause POS Operations to fail. This has been corrected.

Combo Meal Side Items Would Incorrectly Consolidate in Current Round
CR ID #: N/A
SCR #: 36977

In previous versions, when the Revenue Center Display Design option 'consolidate current round items' was disabled and the Consolidation Mode option 'Consolidate parent items' was set, the system would consolidate combo meal side items in the current round, which would prevent current round side items that are consolidated from being altered by [Insert Condiment] feature. This has been corrected.

POS Operations Would Error Out when 'Enable Printer Destination Selection' Option was Enabled
CR ID #: N/A
SCR #: 36866

Previously, if MdsPrinters.xml was missing, and the workstation had 'Enable Printer Destination Selection set, then ops would error when it tried to print. This has been corrected.

Tax Shift Would Ignore Parent Item if Condiment is Entered
CR ID #: 28223
SCR #: 37000

In previous versions, if was found that tax shift would not work if a menu item had a condiment. This was because tax shift would not work on an entire group, but only in an individual item. This has been corrected.

Slu Items Would Overlap Other Touchscreen Objects in Conversational Order Mode

CR ID #: 28181
SCR #: 36938

Previously, it was reported that when a touchscreen was configured with a condiment and a modifier area on a conversational order mode screen, menu items that were part of a SLU would overlap other objects on the touchscreen. This has been corrected.

Edit Seat Would Not Function in Conversational Order Mode

CR ID #: 28324
SCR #: 37039

Previously, it was found that if menu items with condiments were rung in while in Conversational Order Mode, and then 'Edit Seat' was attempted, all of the condiments from each menu item were moved to the new seat. This left the menu item on the other seat without any condiments. This was corrected.

Scroll Down Would Not Work on Multiple Condiment Pages in Conversational Order Mode

CR ID #: 28195
SCR #: 36948

Previously when using Conversational Order Mode, if a menu item had enough allowed condiments that more than one page was required to view them, the next page would not be displayed when selecting the down arrow button. Once in this state, if a condiment from the first page was selected it would not ring in or change to a selected state. This has been corrected.

Clear Key Would Add 'Clear [Item]' When used Without an Existing Condiment in Conversational Order Mode
CR ID #: N/A
SCR #: 36529

Previously, when selecting the [**Clear**] key for a condiment in Conversational Order Mode, such as 'Butter Pecan', the system would add a 'Clear Butter Pecan' item to the check. This has been corrected.

'Check Detail Read Failed' Error Would Appear After Filtering Seat
CR ID #: N/A
SCR #: 36982

In previous versions it was found that if a check had two seats on it and one was filtered and paid, there was a possibility of an error when picking up the remaining check.

If POS Operations was stopped and then restarted after the first seat had been filtered, the 'Check detail read failed' error message would appear when attempting to pick up the remaining check once POS Operations restarted. This has been corrected.

Warning 'Memory Low' Could Display on the Workstation 5 if Many Background Images Were Used
CR ID #: 28328
SCR #: 37040

It has been noted that the message "Warning 'Memory Low'" could display on the workstation 5 using RES version 4.7.1.2284 with many background images configured in the touchscreens. This message would appear after approximately 200 credit card transactions had been made due to Ops.exe consuming all of the available memory. This has been corrected.

Reopen Closed Check Could Cause BSM/ SAR Prompting
CR ID #: 28295
SCR #: 37025

Previously, POS Operations could prompt the user to enter Backup Server Mode when reopening a closed check that had been closed to a credit card tender after completing the following steps:

◆ reopen the closed check that was finalized with a credit card

◆ add a menu item

◆ perform an error correct (void-void)

◆ service total the check

After service totaling the check, POS Operations would then prompt to enter Backup Server Mode. This has been corrected.

Min/Max Condiment Would Not Keep Menu Level if Change Condiment Function Was Used
CR ID #: N/A
SCR #: 36726

Previously, when using Min/Max condiments that had thresholds set that would change menu levels, the menu level would not stay changed when performing a change condiment. The new changed condiment would revert back to the original menu level. This has been corrected.

Labor Would Be Incorrect if an Employee Clocked Out Just Before the Daylight Savings Time Change
CR ID #: 28343
SCR #: 37052

In previous versions it was found that if an employee clocked out in the fall, one hour prior to Daylight Savings Time being changed, that RES would not be able to determine if the clock out was one hour before the change or one hour after the change. RES not being able to determine the time change with the clock out would cause labor to be incorrect. This has been corrected.

Menu Items Which Triggered an Automatic Discount Would Display a Build Screen When Programmed Not To
CR ID #: 28599
SCR #: 37223

Previously, when menu items which triggered an automatic discount were selected, a build screen could be displayed even when the option 'Suppress Build Screen' in *Menu Item Classes | General Options* was enabled. The build screen would display when a second menu item was rung in, not on the first. This has been corrected.

Updating the Check ID via the POS API was not Possible
CR ID #: N/A
SCR #: 36970

In previous versions, it was possible that the check ID would not be able to be updated via the POS API. This would result in the following error in the 3700d.log

```
RESDBS | 0 | SQL Execution error [sp_AddIdToChk]: Open on System |
```

The code that set the check ID field was always appending a NULL, even when the check ID length was already at 16. When this would occur, the num_check_info_entries field would also be set to NULL. This would cause the check detail read failure with checks in revenue centers with number of info lines greater than zero. This has been corrected.

Invalid Menu Level for Credit Cards when Switching Menu Levels with Credit Card Authorization
CR ID #: N/A
SCR #: 36867

In previous versions it was possible to have the wrong menu level used when authorizing credit cards. If duplicate credit card tender media keys were created, each set to a different menu level, the system would only look through the tmed table until it found the first tmed_seq with the correct preamble. The system should have looked for the tmed_seq with the preamble that was available on the current menu level. This has been corrected.

Non-Revenue Service Charge Could be Configured as an Automatic Service Charge
CR ID #: 28423
SCR #: 37101

Previously, users were able to configure a non-revenue or non-revenue cash back service charge to be an auto service charge. This is an invalid configuration. This has been corrected.

If a database has been configured with a non-revenue service charge as the automatic service charge prior to the upgrade to version 4.8, the automatic service charge will remain in place and unaffected.

Although the non-revenue service charge (automatic charge) will get applied automatically, the user will not be able to hit a button to use that service charge manually.

With this release, the user will be able to see non-revenue service charges in the automatic service charge drop down list but will not be able to select them. If the user attempts to select a non-revenue service charge as an automatic service charge, the following message will appear:

```
'You are not allowed to configure a non-revenue svc chg as an auto
svc chg.'
```

Discount Could Cause Combo Meal Auto-Recognition to Loop
CR ID #: 28261
SCR #: 36996

Previously, picking up an open check on a system that had a discount applied to it could cause the Combo Meal auto-recognition to loop when the order type was changed a second time until the Maximum Detail Entries per check were reached. This has been corrected.

With this release, if Auto Recognition is enabled and the user applies a discount, POS Operations will display the error 'Remove Discount First' and force the user to remove the discount before being able to change the order type. Once the discount has been Voided, the user can then change the Order Type and re-ring the discount and tender the check.

Check Detail Would Not Populate with Direct Access Menu Item

CR ID #: 28513
SCR #: 37161

Previously, if a direct access (non-SLU) menu item was rung in with the current touchscreen configured to be the 'Next Screen', the check detail would not populate completely. The totals would display but the menu item ordered would not display. This has been corrected.

Promise Time Would Affect Fire Time

CR ID #: N/A
SCR #: 37005

Previously, setting the promise time of a check to a time in the future would result in the check being automatically considered as a delayed order. When this happened, the menu items on the check would not fire to the order devices until the calculated time.

With this release, that functionality still exists. However, for sites that do not want items delayed, even if the promise time is pushed back, there is a new option bit. 'Disable Promise Time Delay' is configured in the *POS Configurator | System | Order Types | General* tab. If this bit is enabled, items will always fire to the kitchen immediately regardless of what time was promised.

Note   *The traditional Delayed Order button will not work with any order type that has this new option enabled.*

Method of Disabling Right Click on Workstation 5 Has Been Changed
CR ID #: N/A
SCR #: 36984

Previously, the method used to disable the right click on a WS5 was SETREGISTRYDWORD,Software\Hampshire\CurrentVersion\Global, RightClickTime,999999999

The vendor now recommends this: SETREGISTRYDWORD,Software\Hampshire\CurrentVersion\Global, RightClickTime,0. This change has been implemented.

Check Number Would Show Up as Zero on the Add/Transfer SLU Screen
CR ID #: N/A
SCR #: 37224

Previously if the option 'Show MI on open check SLU' was enabled, when transferring a check from one revenue center to another, the check number(s) would show up as zero on the add/transfer SLU screen. This has been corrected.

Parent Menu Items and Condiments Were Not Properly Consolidated in API
CR ID #: N/A
SCR #: 37124

Previously, when rung from the API, combo meals were not consolidating correctly on guest checks and remote order printers. This has been corrected.

Touchscreen Flow Has Been Improved
CR ID #: 28671
SCR #: 37269

Previously, there were issues with the flow of touchscreens when using the [Clear], [Enter] and [Previous] keys. Sometimes if using the [Clear] or [Enter] buttons from a numeric touchscreen, instead of the expected result, nothing would happen.

Also, it was possible to use the [Previous] key to go back to either the 'Sign In' screen, or the 'Table Object' screen. Due to the screen configurations, the user could be stuck on those screens.

With this release, the screen flow has been improved so that results are consistently correct from number pad screens. Also, users are now prevented from using the [Previous] key to go back to the 'Sign In' and 'Table Object' screens.

Was Not Possible to Change Menu Level of Scanned Items
CR ID #: 24703
SCR #: 33829

Previously after scanning an item with a barcode scanner, it was not possible to use the menu level select main level function. The error 'Invalid Detail Selected For Desired Function' would appear. This has been corrected.

ResPosAPI_EPayment Authorization Code Was Not Being Sent to POS Operations
CR ID #: 28741
SCR #: 37316

Previously, when performing a manual credit card authorization through the API, the manually entered authorization code was not correctly being inserted into the check detail and printed on the voucher. This would cause API to ignore the manual_auth_code field of the request and instead insert the auth_code (returned in the credit authorization response) into the check detail. This has been corrected.

A Check ID Less Than 16 Characters Would Produce Invalid Error in Web API Interface
CR ID #: 27106
SCR #: 36218

Previously in the API Interface, the getOpenChecks command would fail when the CheckID field was set to less than 16 characters. This has been corrected.

Combo Meal Ordering Flow Was Invalid After Last Item Void
CR ID #: N/A
SCR #: 37390

Previously, when ordering a Combo Meal that did not have the side item's default set for the current order type, it was possible to ring in the Combo Meal and then use 'Last Item Void' and be allowed to complete the meal without fulfilling all of the required side items. This has been corrected.

Alpha Numeric Screen Would Not Appear On A Reference Required Menu Item or Discount
CR ID #: 28295
SCR #: 37387

Previously, the alpha numeric screen would not always come up when ringing a menu item or discount with a reference required. This has been corrected.

Swapping Two Items with the Same Allowed Condiments Would Result in the First Condiment Dropping
CR ID #: 28861
SCR #: 37374

This was due to a programming error in the database. The database not configured to have an 'Add' prefix. The system was assuming that any non-default condiments were going to be preceded by the 'Add' prefix. This was causing the system to skip the first item when items were swapped, thinking that it was a prefix and that it would be added with the condiment.

With this release, if condiment prefixes are not programmed properly and the user attempts to use the 'Menu Item Swap' key, one of the following errors would be received:

◆ Add Prefix

◆ No Prefix

◆ Substitute Prefix

The 'Minute' and 'Hour' Labels Were Reversed in the Promise Time Dialog on CE Clients
CR ID #: N/A
SCR #: 37414

Previously, it was possible to have the 'Minute' and 'Hour' labels reversed in the Prompt for Promise Time dialog. The actual hour would be listed under the 'Minute' label, while the actual minute would be listed under the 'Hour' label. This has been corrected.

ResPosAPI Would Show an 'F' Flag in the Credit Card Batch Detail Report For On-Line Base Floor Limit Authorizations

CR ID #: N/A
SCR #: 37041

Previously, a Base Floor Limit On-Line Authorization using the ResPosAPI, incorrectly showed an 'F' flag (Floor Limit Auth) in the Credit Card Batch File being sent to the Host Processor. This could also be confirmed on the Credit Card Batch Detail report for On-Line Base Floor Limit Authorizations. This has been corrected.

POS Configurator

In the MX870 Tab, a Custom 'End Transaction' Control Would Gray Out After Saving

CR ID #: N/A
SCR #: 36919

Previously, when custom settings were made to the 'End Transaction' form name (POS Configurator | RVC Credit Cards | MX870 | Form Name) and saved, the field would gray out. This has been corrected. Now when a custom setting has been made to the 'End Transaction' form name, the field will not gray out after saving.

Carside TO GO Configuration Would Allow High Entry in the 'Adjustment Expire Time' Option

CR ID #: 35661
SCR #: 36424

Previously, the 'Adjustment Expire Time' option could be configured to have a max amount of 99999 without error. This has been corrected. The max limit is now set to 1440, which is the maximum minutes allowed per a 24 hour period. Anything higher than 1440 will result in an error.

Three Fields Truncated in POS Configurator | System | Restaurant | Options Form

CR ID #: N/A
SCR #: 37251

In previous versions, the *POS Configurator | System | Restaurant | Options* form was not wide enough. This resulted in three fields being truncated on the right side of the form. This has been corrected.

Error Assigning a Quick Count Inventory Item With Price Set to Zero

CR ID #: 28534
SCR #: 37168

Previously, when a menu item had a price set to $0.00, the error 'Floating Point division by zero' would appear when trying to assign the item in *POS Configurator | Sales | Quick Count Items*.

BY DESIGN, 'Display New Order Notification' Is Not Supported in Dynamic Order Mode

CR ID #: N/A
SCR #: 37122

By design, the 'Display new order notification' option located in the *POS Configurator | Devices | Order Devices | KDS | Options* tab, is not supported in Dynamic Order Mode.

'User Must Change Password At First Logon' Was Not Working With Enhanced Security

CR ID #: 28870
SCR #: 37380

Previously, if a new User ID and User Password were given to an employee, and those changes were not saved before the option 'User must change password at first logon' was enabled, that employee would not be prompted to change their password at next logon. This has been corrected.

Canceling From the 'Cover Count' Popup Would Remain on Popup Screen
CR ID #: N/A
SCR #: 37386

Previously, when a user would select to cancel a transaction from the numeric 'Cover Count' popup screen, the screen would not default back to the sign in screen but rather stay on the numeric popup screen. This has been corrected.

Menu Item Sets Would Not Sort by Name or Number
CR ID #: N/A
SCR #: 37406

Previously, Menu Item Sets (*POS Configurator | Sales*) would not sort by name or number when selected. This has been corrected.

> *Note*   *With this release, Set Members (POS Configurator | Sales | Menu Item Sets) will always sort by number.*

Printing

Employee's Would Not Revert to the Default Touchscreen After Cashing a Check
CR ID #: 28281
SCR #: 37006

Previously, it was found that when the RVC printing option 'print customer receipt on demand' was enabled, an employee would not revert back to the default touchscreen after cashing out a check. This has been corrected.

Peripherals

MX870 Would Not Allow for Custom Payment Confirmation Form
CR ID #: N/A
SCR #: 36953

Previously, if the MX870 was configured to use a custom Payment Confirmation Screen, the system would not respond when the prompts were selected. This resulted in the transaction having to be canceled. This has been corrected.

Menu Board

Menu Boards Would Exit When Left On Overnight
CR ID #: 27886
SCR #: 36670

Previously, the menu board application could shut down after 3 days due to a memory leak. This has been corrected.

Making Changes to Panels Used On Multiple Menu Boards Would Result in Errors
CR ID #: N/A
SCR #: 36539

Previously, it was possible to receive errors when making changes to panels used on multiple menu boards. This has been corrected.

Reports

Discounts Would Show Up for the Wrong Employee After a Check Transfer
CR ID #: 28024
SCR #: 36876

Previously, a discount would show up for the wrong employee on the RVC Discount Reports after a check transfer had been made. The discount would show up on the 'Daily Revenue Center Discounts' and on the 'Daily Revenue Center Discounts Detail' reports for the employee who transferred the check, but not for the employee who applied the discount. This has been corrected.

'Return/Void Reason Code' Report Would Show the Employee's Name Who Transferred the Check
CR ID #: 28023
SCR #: 36875

Previously, the authorizing employee's name did not display in the 'Return/Void Reason Code' report. The employee's name who the check was transferred to incorrectly showed on the report. This has been corrected. Now, the authorizing employee's last name and the employee's object number display in the 'Return/Void Reason Code' report.

Netsales Figures Were Wrong in Report TP_S204.rpt
CR ID #: 16637
SCR #: 23491

Previously, it was found that report TP_S204.rpt had incorrect netsales figures. This was due to the netsales figures being multiplied by the number of active order types in the report. This has been corrected.

Counts Were Being Inflated On Discount Reports
CR ID #: 28499
SCR #: 37160

Previously, when voiding a Discount from a reopened check, and closing the check to the same tender, the count would increase on the Discount Reports (DLY_RVC_DSC_DTL.RPT and DLY_RVC_DSC.RPT) instead of being decreased. This has been corrected.

Totals Values in the Delivery Speed of Service Report Were Wrong
CR ID #: N/A
SCR #: 37259

Previously when running the Delivery Speed of Service report, the total for 'Total Chk Time' was missing. Also, the following TOTALS values would appear under the wrong column headers:

◆ User Promise Time

◆ System Promise Time

◆ Delivery Time

This has been corrected.

Delivery Speed of Service Report Could Show Incorrect Promise Time
CR ID #: N/A
SCR #: 37260

Previously, it was possible for the Delivery Speed of Service report to show different values for the same promise time in different sections of the report. This was caused by the 'Minimum Order Time' being based upon seconds, and the 'User Promise Time' being based upon minutes. This has been corrected. The promise time is now being rounded to the nearest minute.

Stored Procedure SP_CLOSE_TEAM Would Set the END_TIME to Now For All Rows

CR ID #: N/A
SCR #: 33864

Previously, the stored procedure MICROS.SP_CLOSE_TEAM would set the END_TIME in the table MICROS.TEAM_VERSION_DEF to now (*) in all of the rows, instead of just the rows where END_TIME was equal to NULL. This has been corrected.

Autosequences and Reports

Applications Would Timeout if Max Idle Time was Exceeded during End of Day

CR ID #: 27870
SCR #: 36656

In previous versions, it was possible for the user application to be improperly closed if the Max Idle Time was exceeded during the End of Day autosequence. This would cause the applications to timeout and close prior to the completion of the autosequence. This has been corrected. The application will now only close after the End of Day autosequence has finished, regardless of the 'Max Idle Time' setting in *POS Configurator | System | Restaurant | Security Settings*.

Compound Tax With GST Option Not Working

CR ID #: 28153
SCR #: 36906

Previously with Canadian taxes, the option bit 'Compound tax with GST' did not seem to have any impact on taxes when enabled and always appeared as if compounding was disabled. This has been corrected.

Note that this fix was made in the ResPosAPI as well as POS Operations.

Report Viewer

Support to Change Passwords Has Been Added
CR ID #: N/A
SCR #: 36408

Previously, if a user tried to log into the Report Viewer and received the password expired error message, the entry dialog box would not appear allowing for entry of the new password. With this release, the user will now be prompted properly and will be able to change their password.

Credit Cards

Unable to Cancel Check After a Declined Credit Card Authorization
CR ID #: 28109
SCR #: 36880

Previously, a check could not be cancelled if an authorization on a credit card was declined. The solution to this was to close the check to a different tender, for example cash. This has been fixed with this release, and the Cancel Transaction key is now allowed after a '* DECLINE' message is received from the Host Processor.

TMS Interface

A Manually Suggested Table Would Never be Considered for Automatic Suggestion
CR ID #: N/A
SCR #: 36582

In previous versions, the table auto suggest process would not consider any table that had been manually suggested, even if that table would be available first. This has been corrected. Now after a table has been manually suggested for a guest, the system will suggest other tables for guests that are available. The first table will be suggested again once all other tables have been taken.

VIP Guests Would be Listed Behind Non-VIP Guests
CR ID #: N/A
SCR #: 36581

Previously, VIP guests were not being sorted ahead of Non VIP guests. This has been corrected.

Translation

Japanese Translation Label Issues in POS Configurator
CR ID #: N/A
SCR #: 36399

Previously, there were some options that would not show the Japanese translation in POS Configurator. This has been corrected.

OCB

Display Issue with Side Item Placeholders
CR ID #: N/A
SCR #: 37236

Previously, the OCB would echo the name of the parent side item placeholder (i.e. Drinks *PH*) and not display the correct side item. For example, when ringing up a Burger Combo and using the Drinks placeholder, after selecting 'cold drinks', the placeholder would still say 'Drinks *PH*'.

```
==============================
1 Burger Combo       2.50
1   HamburgerQS
1   Sides *PH*
1   Drinks *PH*
1    Drinks *PH*   ------> Echos name of parent;
                          should be 'Cold Drink'

Tax $0.25    Total $2.75

===========================
```

With this release, placeholders will no longer appear on the OCB. New ISL variables have been added that identify placeholder menu items within a SIM. The OCBClient.isl (installed to POS Clients) will ignore any placeholder details items. Once a placeholder selection is made, the item will appear on the OCB.

OCB Placeholder Rules for standard OCBClient.isl file:

- Forced Combo Meal Side Item Placeholders will not display on OCB, since these must be entered before Service Total or Tender

- Traditional Combo Side Item Placeholders will always display on OCB

- Condiment Placeholders will display on OCB.

The new ISL variables are as follows:

◆ DTL_IS_COMBO_PLACEHOLD (traditional combo side item placeholder)

◆ DTL_IS_COND_PLACEHOLD (condiment placeholder)

◆ DTL_IS_FORCE_PLACEHOLD (forced combo side item placeholder)

◆ DTL_IS_PLACEHOLDER (has been added to identify any placeholder)

Delivery Dispatch

Delivery Dispatch Would Open Behind POS Operations
CR ID #: N/A
SCR #: 37128

Previously, with certain configurations and themes, it was possible for the Driver Dispatch window to open behind POS Operations. This would make POS Operations appear frozen because the Driver Dispatch window had focus, but could not be reached. This has been corrected.

Interface Server

Fixed Period Job Code Totals Were Not Resetting in 3 Tables When Reposting Labor
CR ID #: 28889
SCR #: 37393

Previously, when calling repost all labor seven days was called, 3 tables would not be reset:

- DLY_RVC_FIXED_PRD_JOB_CODE_TTL

- DLY_SYS_FIXED_PRD_JOB_CODE_TTL

- DLY_RVC_TTL

This has been corrected. Labor totals are now reset to zero.

Manager Procedures

Incorrect GMT Was Inserted When Using GMT +10
CR ID #: 28819
SCR #: 37352

Previously, when making timecard adjustments through Manager Procedures using the time zone of GMT +10, the following reports would display incorrect data for the punch:

◆ Consolidated Employee Job Summary - time_005.rpt

◆ RVC Job Summary - time_R011.rpt

◆ Consolidated RVC Job Summary - time_R012.rpt

◆ System Job Summary - time_S011.rpt

◆ Consolidated System Job Summary - time_S012.rpt

This has been corrected.

Hardware

Applications Were Receiving 'Access violation in MicrosAccess.dll' on Tablet PC
CR ID #: 28969
SCR #: 37382

Previously, many applications would receive the 'Access violation in module MicrosAccess.dll' message when opening on a Tablet PC. This has been corrected.

Kitchen Display System (KDS)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

There are no new features in this version of the software.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current 3700 POS application. To qualify as an enhancement, the change must satisfy the following criteria:

◆ The basic feature or functionality already exists in the previous release of the software.

◆ The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.What's Enhanced

Enhancements Summarized

There are no enhancements in this version of the software.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

◆ The basic form, feature, or functionality must be part of the previous version of the software.

◆ The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. This issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

The table below summarizes the revisions included in this version.

Module	Feature	CR ID	Page
Controller	Combo Meals Would Not Consolidate with 'Dynamic Order Mode' OFF	N/A/ 33870	98
Display	Display New Order Notification Was Not Working Properly	28330/ 37031	98
	KDSdisplay.exe freezes up on certain tickets on Remote Display Controller (RDC)	28330/ 37058	99

Revisions Detailed

Controller

Combo Meals Would Not Consolidate with 'Dynamic Order Mode' OFF
CR ID #: N/A
SCR #: 33870

Previously, when the option 'Enable KDS Consolidation' was enabled and 'Dynamic Order Mode' was OFF, it would not consolidate when it should. This has been corrected.

As a result, when 'Dynamic Order Mode' is OFF and 'Enable KDS Consolidation' is not enabled, the Combo Meal items will not consolidate. When 'Dynamic Order Mode' is OFF and 'Enable KDS Consolidation' is enabled, the Combo Meal items will consolidate as long as the parent item is not present. When 'Dynamic Order Mode' is ON and 'Enable KDS Consolidation' is not enabled, the Combo Meal items will consolidate as long as the parent item is not present.

Display

Display New Order Notification Was Not Working Properly
CR ID #: 28330
SCR #: 37031

Previously it was found that with Menu Item Class color schemes as well as Background Highlight overrides programmed, the New Order Notification blinking could change to a condition where the text and the background colors were the same. This could cause an unreadable block of text in the menu item or modifier fields. This has been corrected.

KDSdisplay.exe freezes up on certain tickets on Remote Display Controller (RDC)

CR ID #: 28356
SCR #: 37058

Previously, the KDSdisplay.exe would freeze up on certain tickets on the RDC with Serpentine mode set to 'Vertical'. This has been corrected.

Guest Service Solutions (GSS)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

The table below summarizes the new features included in this version.

Module	Feature	Page
Setup	GSS Data Service Installation	100
POS Interface	Stored Procedure to Clear GSS 'Parking Lot' Introduced	101
Delivery Plus	Dispatch Screen Enhancements	101

New Features Detailed

Setup

GSS Data Service Installation
CR ID #: N/A
SCR #: 36918

With this release, the GSSDataService.exe program is now installed on the RES MICROS Server in the *MICROS | Res | GSS | Bin* folder during setup, with the Startup Type being set to Automatic.

POS Interface

Stored Procedure to Clear GSS 'Parking Lot' Introduced
CR ID #: N/A
SCR #: 36841

With this release, the 'Clear All Paid Takeout Orders' (# 168) stored procedure has been introduced. The procedure clears the Delivery Dispatch Carry Out checks that have been closed but not yet marked as collected. This stored procedure can be set up as an Autosequence, which can be scheduled to run after End of Day to clear this queue, so that the 'Parking Lot' will only contain current business day's orders.

Note	*The 'Clear All Paid Takeout Orders' will NOT clear any delivery orders.*

Delivery Plus

Dispatch Screen Enhancements
CR ID #: N/A
SCR #: 36584

With this release, a new 'Future Orders' button is available in Delivery Dispatch. This button is hidden by default.

To see this button, do the following:

1. Open *Micros Applications | POS | Delivery Dispatch Configuration Utility*

2. On the Display Fields form, select 'Screen Design'.

3. Right click in an open area of the form and select the correct resolution and screen (ex. DisplayDelivery.rsz and 1024 x 768)

4. Right click on the 'Future Orders' button and then click 'Show'

5. Right click in an open area of the form and click 'Save Changes'

6. Repeat steps 3, 4, and 5 for all screens and resolutions desired.

Note	*If the Future Order button is only configured to show on the DeliveryAll.rsz screen, then it will not show if only viewing Deliveries and not take out orders as well.*
	This button should show for all screens and resolutions.

Configuration

A new screen needs to be created specifically for Future Orders.

From the *POS Configurator | Devices | Touchscreens* form, add a new touchscreen with the Touchscreen Template set to 100 Speed Pad1. Copying and pasting the current Open Check SLU screen will work as well.

From the *POS Configurator | Devices | Touchscreen Designer* form, select the new touchscreen that was created for Future Orders from the drop down box. A [Clear] button and a [Previous Screen] button must be configured on this screen so the user can exit the screen when done. In addition to the [Clear] and [Previous Screen] buttons, up and down arrows should be configured as well to make navigation on the screen easy if there are numerous orders.

Future Orders of all Order Types will display by default. Order Type buttons can be configured on the screen. Selecting one of them will cause the list of checks displayed to only show those of the selected Order Type.

In *POS Configurator | Devices | User Workstations | General*, use the 'DD Future Orders Screen' drop down box to select the touchscreen for the Future Orders to display in (screen configured in the steps listed above).
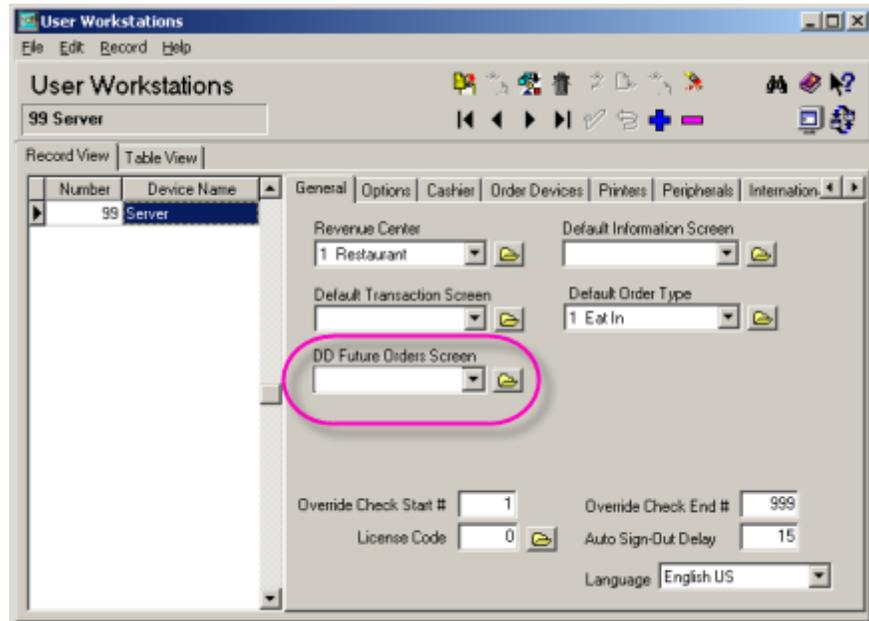
When a Future Order check is opened it will go to the screen selected from the 'Default Delivery pickup screen' drop down box in *POS Configurator | System | Order Types | General*. The Food Main screen is generally a good choice. If this field is left blank, the user's default touchscreen will be used.

What's Enhanced

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◆ The basic feature or functionality already exists in the previous release of the software.

◆ The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

The table below summarizes the enhancements included in this version.

Module	Feature	Page
Database	Check Constraint for Column 'ORDER_MI_DTL_SEQ' has been Increased	104

Enhancements Detailed

Database

Check Constraint for Column 'ORDER_MI_DTL_SEQ' has been Increased
CR ID #: N/A
SCR #: 37120

With this release, the order_mi_dtl_seq has been extended from SEQ_NUM to SEQ_NUM_EX.

What's Revised

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◆ The basic form, feature, or functionality must be part of the previous version of the software.

◆ The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. This issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

The table below summarizes the revisions included in this version.

Module	Feature	CR ID	Page
Backoffice	Could Not Change 'Delivery Time' Dialog	N/A/ 37013	107
	Large Amounts of Error Messages Would Be Logged If GSS Was Not Enabled	N/A/ 37327	107
	Decimal Separator Would Not Appear As Comma	N/A/ 33351	107
Delivery Dispatch	The Driver Delivery Details Form Would Show the Address Incorrectly	N/A/ 37084	108
	The Delivery Dispatch Utility Would Run Slow	N/A/ 37056	108
Delivery Plus	GSS Address Box Will Not Populate If Only the 'Validate Street Numbers' Option Is Enabled	N/A/ 37325	108

Module	Feature	CR ID	Page
POS Interface	GSS Customer Dialog Address Line was Backwards on Win32 Clients	28278/ 37001	109
	Promise Time Dialog 'Order Type Prep Adjust' Would Only Accept Data up to 59 Minutes	N/A/ 37016	109
	Euro Symbol Would Display as a Bar in GSS Order History	N/A/ 37397	109
	GSS Coupons Would Print 'Coupon Value: ??' Instead of Actual Amount	N/A/ 37398	109
	GSS Coupons Would Print 'Coupon Value: ??' Instead of Actual Amount on CE 6.0 Clients	N/A/ 37461	109
	Changes Made in the GSS Database Were Not Reflected Until the GSS Data Service Was Restarted	N/A/ 37228	110
Accounts Receivable	Accounts Receivable Charges Could Not Be Used to Pay a Check	N/A/ 37272	110
Reports	Undispatched Checks Would Not Appear as Unassigned in Driver Delivery Report	28840/ 37442	111

**Revisions
Detailed**

Backoffice

Could Not Change 'Delivery Time' Dialog
CR ID #: N/A
SCR #: 37013

Previously when 'Prompt for delivery time' was enabled, when the 'Delivery Time' dialog box would appear after the order had been paid, the hour and minute fields would not respond to the up and down arrows. This has been corrected.

Large Amounts of Error Messages Would Be Logged If GSS Was Not Enabled
CR ID #: N/A
SCR #: 37327

Previously if GSS was not enabled, the GSS Data service would log many 'Internal Error' messages when the server booted up. This has been corrected.

Decimal Separator Would Not Appear As Comma
CR ID #: N/A
SCR #: 33351

Previously, a decimal separator would not appear as a comma in GSS Backoffice. This was due to the CFloatEdit class not fully taking into account the regional settings in regards to currency. This has been corrected.

Delivery Dispatch

The Driver Delivery Details Form Would Show the Address Incorrectly
CR ID #: N/A
SCR #: 37084

Previously, when using the Info Line Mapping in the Delivery Dispatch Utility, the Driver Delivery Details form could display incorrect info. This has been corrected.

The Delivery Dispatch Utility Would Run Slow
CR ID #: N/A
SCR #: 37056

Previously, the more checks that were open, the slower Delivery Dispatch would run. This has been corrected.

Delivery Plus

GSS Address Box Will Not Populate If Only the 'Validate Street Numbers' Option Is Enabled
CR ID #: N/A
SCR #: 37325

Prior to RES Version 4.7, if a database had only the 'Validate Street Numbers' option enabled, then the GSS address box would populate. As of RES 4.7, it will not. The solution to this issue is as follows:

◆ In *POS Configurator | GSS | Delivery*, enable the 'Validate Street Numbers' option and the 'Validate Block Numbers' option

◆ Stop and start the GSS Data Service (4.7 MR1 and later)

◆ Re-start POS Operations

POS Interface

GSS Customer Dialog Address Line was Backwards on Win32 Clients
CR ID #: 28278
SCR #: 37001

Previously, anything entered in the Address 1 field of the customer dialog box on a Win32 client would appear backwards. The Address 1 line worked correctly on the Server and CE clients. This has been corrected.

Promise Time Dialog 'Order Type Prep Adjust' Would Only Accept Data up to 59 Minutes
CR ID #: N/A
SCR #: 37016

Previously, if the 'Future/Delayed order offset time' (*Poscfg | System | Order Types | General*) was set to greater than 59 minutes a user would not be able to accept the promise time dialog box. Now the 'Future/ Delayed order offset time' can be set up to 18 hours.

Euro Symbol Would Display as a Bar in GSS Order History
CR ID #: N/A
SCR #: 37397

Previously, the GSS Order History window would show the Euro symbol as a vertical bar [|]. This has been corrected. Now when using the comma as a decimal character and German as the language, the menu item prices in GSS Order History will correctly show the Euro symbol.

GSS Coupons Would Print 'Coupon Value: ??' Instead of Actual Amount
CR ID #: N/A
SCR #: 37398

Previously when using a comma as the decimal character, GSS coupons and gift certificates would print question marks instead of the actual Euro value. This has been corrected.

GSS Coupons Would Print 'Coupon Value: ??' Instead of Actual Amount on CE 6.0 Clients

CR ID #: N/A
SCR #: 37461

Previously when using a period as a decimal character, GSS coupons and gift certificates would print question marks instead of the actual value on CE 6.0 clients, the workstation 4LX and the workstation 5. This has been corrected.

Changes Made in the GSS Database Were Not Reflected Until the GSS Data Service Was Restarted

CR ID #: N/A
SCR #: 37228

Previously, if new addresses were added to the GSS Delivery Zone database, or updates made to existing addresses, those changes would not be reflected in POS Operations until the GSS Data Service was restarted. This has been corrected.

Accounts Receivable

Accounts Receivable Charges Could Not Be Used to Pay a Check

CR ID #: N/A
SCR #: 37272

Previously when using a comma as the decimal character, GSS Accounts Receivable charges could not be used to pay a check. This has been corrected.

Reports

Undispatched Checks Would Not Appear as Unassigned in Driver Delivery Report
CR ID #: 28840
SCR #: 37442

Previously, if a check was undispatched, the Driver Delivery Report would not show that the check was unassigned. This has been corrected.

Table Management System (TMS)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

The table below summarizes the new features included in this version.

Module	Feature	Page
User Interface	Waitlists and Reservation Lists Can Now Be Sorted By Guest Name	112

New Features Detailed

User Interface

Waitlists and Reservation Lists Can Now Be Sorted By Guest Name
CR ID #: N/A
SCR #: 36204

With this release, the ability to sort a Waitlist and a Reservation list by Guest Name has been introduced. This will allow the user to sort by name by clicking on the Guest column header in Host Mode. This will make it less time consuming to locate a guest within the system.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current 3700 POS application. To qualify as an enhancement, the change must satisfy the following criteria:

- ◆ The basic feature or functionality already exists in the previous release of the software.

- ◆ The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

There are no enhancements in this version of the software.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

◆ The basic form, feature, or functionality must be part of the previous version of the software.

◆ The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. This issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

The table below summarizes the revisions included in this version.

Module	Feature	CR ID	Page
TMS Service	Changing Screens Would Slow Down After Selecting a Guest in TMS	28301/ 37030	115
POS Configurator	TMS Sliders Inaccurate	N/A/ 37308	115
User Interface	TMS Would Not Allow '(' or '&' Characters in the Phone, Notes, Referral, and Guest Name Fields	N/A/ 37175	116
POS Operations	TMS Legend Memory Leak	N/A/ 37474	116

Revisions Detailed

TMS Service

Changing Screens Would Slow Down After Selecting a Guest in TMS

CR ID #: 28301
SCR #: 37030

Previously, the system could take a long time to access reservation related information if the system had a large number of TMS Reservations and TMS Reservation Limits. This has been corrected. With this release, performance has been significantly improved.

POS Configurator

TMS Sliders Inaccurate

CR ID #: N/A
SCR #: 37038

In previous versions, sliders to set TMS functionality went from 'Low' to 'High' with 10 incremental points. This was inaccurate. With this release, the sliders now say 'OFF' to 'High'. There are 11 incremental points, starting with 'zero' (OFF) all the way up to 'High'. The sliders are set in the *POS Configurator | Revenue Center | RVC Table Management | Waitlist | Guest Calculations* tab and *Table Calculations* tab.

User Interface

TMS Would Not Allow '(' or '&' Characters in the Phone, Notes, Referral, and Guest Name Fields
CR ID #: N/A
SCR #: 37175

Previously, TMS would not allow the characters '(' or '&' to be entered into the Phone, Notes, Referral and Guest Name fields when editing a waitlist or creating a reservation. This has been corrected.

POS Operations

TMS Legend Memory Leak
CR ID #: N/A
SCR #: 37474

Previously, when using the TMS Legend a GDI resource leak would occur. When this was left for several days, the POS Operations window would no longer paint the screen. This has been corrected.

Cash Management (CM)

What's New   A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

The table below summarizes the new features included in this version.

Module	Feature	Page
POS Interface	Cash Management Enhancements	117
	Ability to Auto Populate Cash Management Fields for Specific Tender Medias	125
Backoffice	Cash Management Till Information Now Follows Regional Settings	127
	Option to Require Deposit Reference Field Entry Introduced	127
	Local Time Is Now Tracked	128

New Features Detailed

POS Interface

Cash Management Enhancements
CR ID #: N/A
SCR #: 37126

With this release, the following options have been added to Cash Management:

- **Allow Employee Till Unassignment**

- **Use Physical Till ID**

- **Remove Till Before Assignment**

◆ **Use Physical Till ID**

Note   *The new 'Physical Till ID' will appear to the right of the Till Template name in the TILL NUMBER column on the Cash Management Reports, as well as in the Till Template 'NAME' column in Cash Management | TILLS | View Tills.*

The following options have been added to the *POS Configurator | Employees | Employee Classes | Cash Management | Till Options* form:

◆ **Close till from front of house**

◆ **Close till from back of house**

◆ **Close server bank**

Allow Employee Till Unassignment

Employees may now be prevented from being unassigned from a till once an assignment has been accepted. This is based upon a new Cash Management option bit 'Allow Employee Till Unassignment' once the till employee assignment as been accepted.

If the existing receptacle is already assigned to an employee, the system is configured to not 'Allow Multiple Employees to be Assigned to a Till', and the 'Allow Employee Till Unassignment' is set to 'F'. With this option, the following will happen:

◆ Assigning an existing till to a UWS drawer will not prompt for an employee

◆ Assigning an employee to a till will not prompt for an employee. A dialog box will display instead:
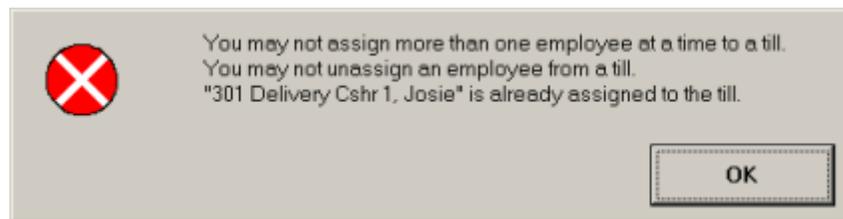
The following is a screen shot of the *Cash Management | Configuration | Options | Others* form with the new 'Allow Employee Till Unassignment' option:
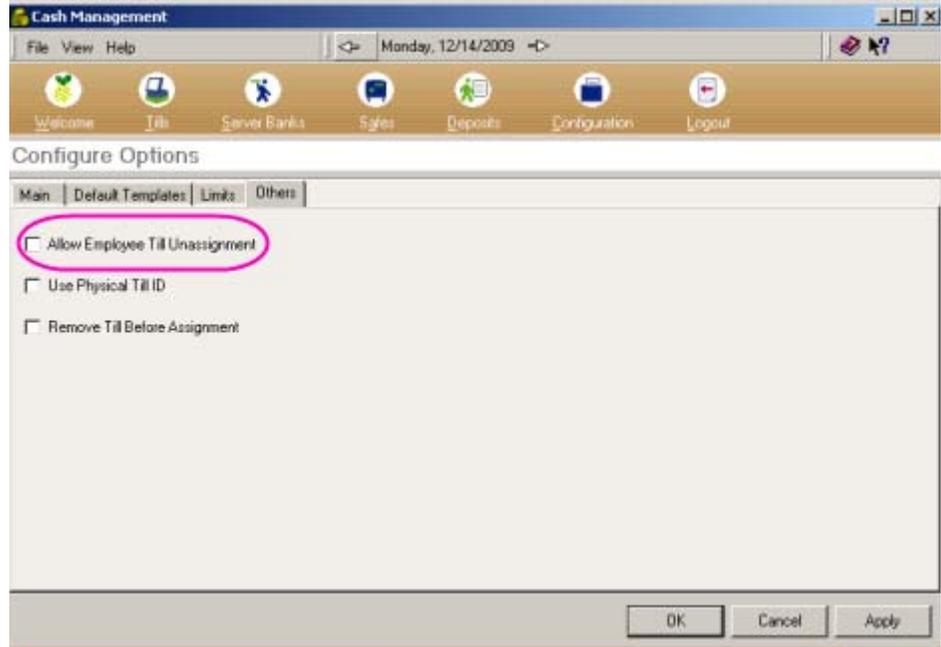
The following is a screen shot of the *Cash Management | Configuration | Options | Others* form with the existing 'Allow Multiple Employees to be Assigned to a Till' option:
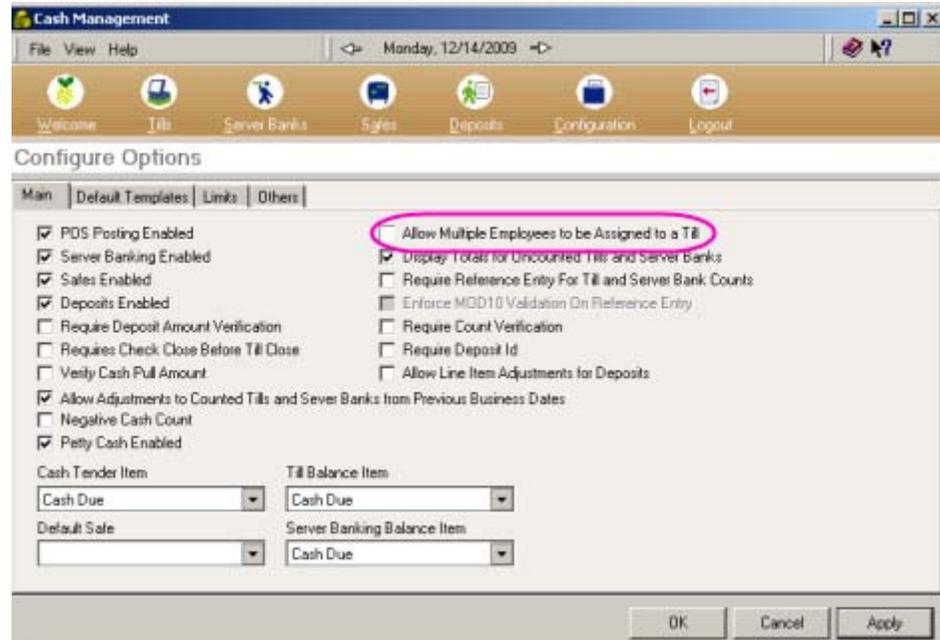
Use Physical Till ID

The configuration of a set of Physical Tills with Till ID's will allow the manager to make a till assignment to a workstation and then select the Physical Till that is being assigned. The manager can quickly see which Physical Till is being used with each UWS. A Physical Till may not be used unless the receptacle associated with it has been removed, closed, and counted. This feature is used when printing out the Till Assignment Chit.

The following is a screen shot of the *Cash Management | Configuration | Options | Others* form with the new 'Use Physical Till ID' option:
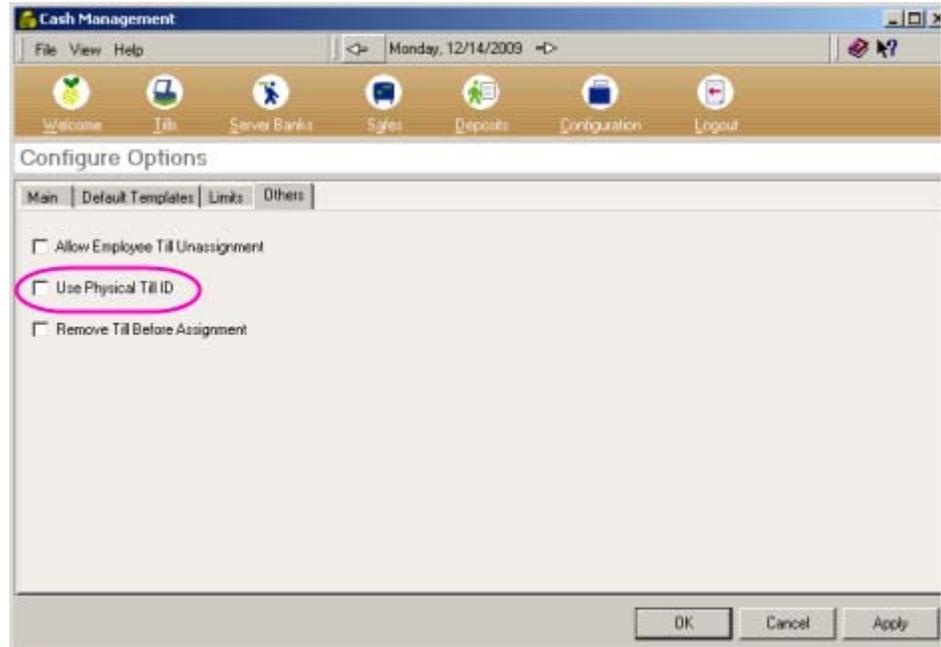
The Physical Till ID will now show on the Printer Output

Employee Till Assign Chit

```
501 QSR Cshr 1 Server
Trn50 Dec01'09 03:14PM
--------------------------------
Cash Drawer - 1
Till ID - D9
Till Number - 4597
Till Status - OPEN
Till Name - Cashiering
```

UWS Till Assign Chit

```
501 QSR Cshr 1 Server
Trn51 Dec01'09 03:14PM
-------------------------------
Cash Drawer - 1
Till ID - D9
Till Number - 4597
Till Status - OPEN
Till Name - Cashiering
Starting Amt - $250.00
```

Physical Tills Screen

A new screen has been added to create Physical Tills. If the 'Use Physical Till ID' option is set, then the new Physical Tills screen is available in *Cash Management | Configuration | Physical Tills*
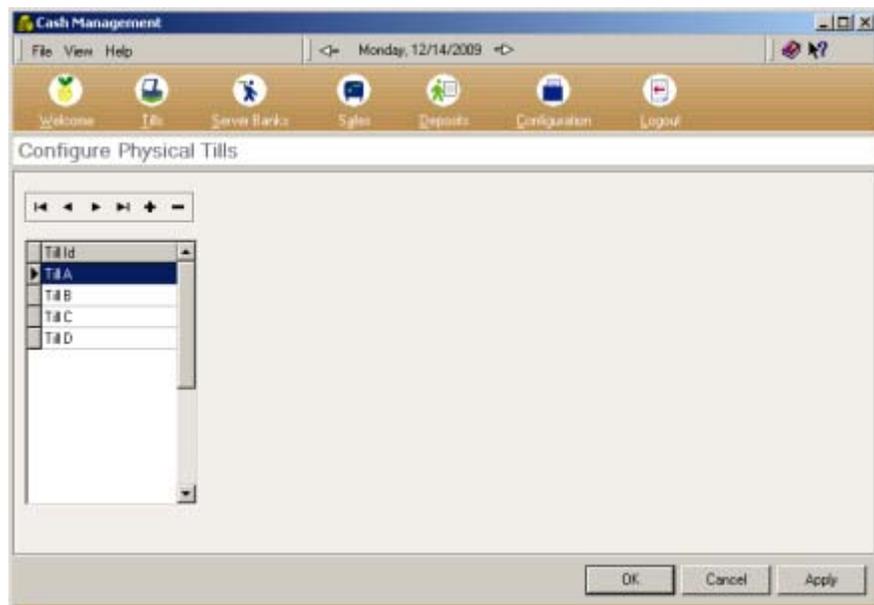
| *Note* | The ***Cash Management | Configuration | Physical Tills*** option is hidden from view by default. To access the 'Physical Tills' selection, the 'Use Physical Till ID' option under ***Cash Management | Configuration | Options | Others*** must be enabled first. |

When POS Operations creates a new till via the Till Assignment functions, it will prompt the user to select a Physical Till ID if the system is configured to use the 'Use Physical Till ID' option.

Select a "Till ID" from the following:

Till ID	
Till A	
Till B	
Till C	
Till D	

OK   Cancel
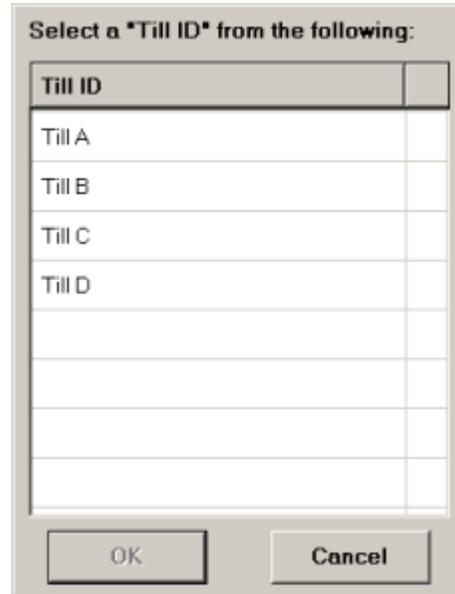
When POS Operations assigns and existing or closed till on a system that is configured to use the 'Use Physical Till ID' option, the till selection dialog box will contain a new column for the Till ID. This allows the manager to quickly see which till to choose from the available list.

Remove Till Before Assignment

POS Operations now enforces that a till be removed from a UWS drawer prior to it being assigned to another till. If a UWS till assignment is attempted and the UWS has a till currently assigned to the drawer, the attempt will be blocked and a new dialog box with the following message will display:
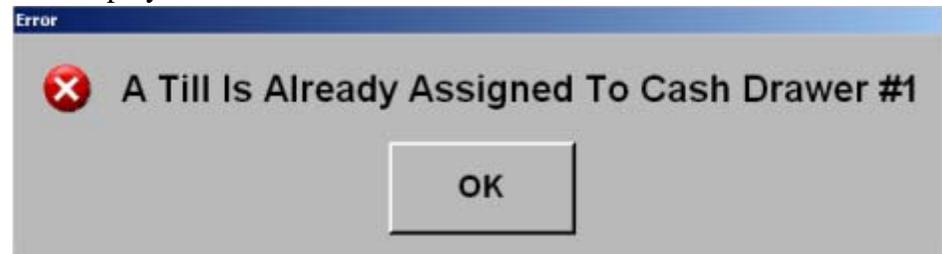
Error

❌ A Till Is Already Assigned To Cash Drawer #1

OK

The following is a screen shot of the *Cash Management | Configuration | Options | Others* form with the new 'Remove Till Before Assignment' option:

BOH Close Till Privilege

Cash Management now prevents the closing of a till from the Back of House (BOH) based upon a new employee class option bit. This option is configured from the *POS Configurator | Employees | Employee Classes | Cash Management | Till Options* form:
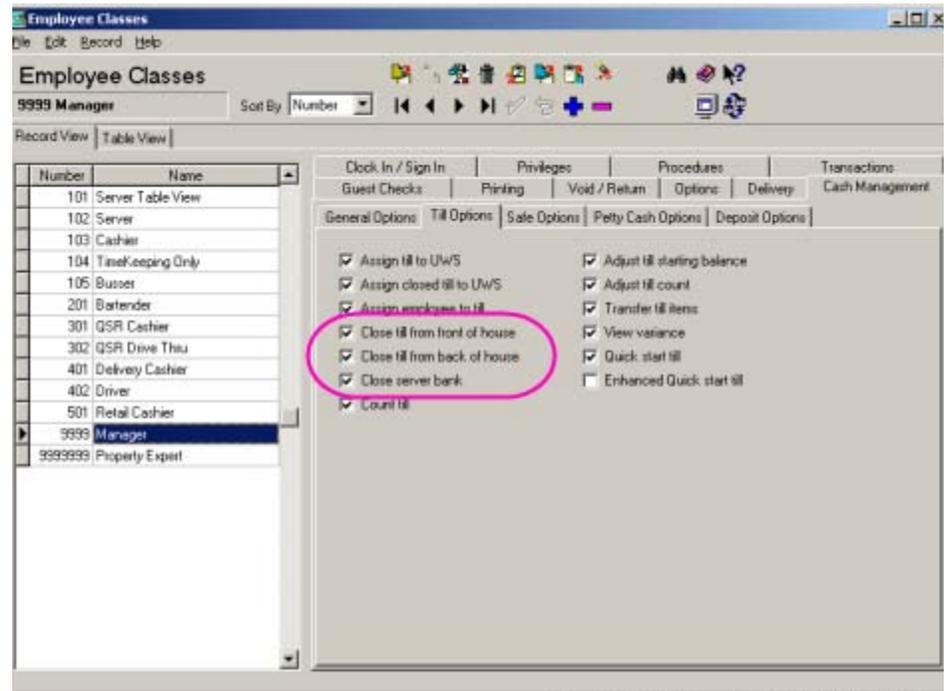
The 'Close till from front of house' option is the existing option, it has just been renamed. Both the 'Close till from back of house' and 'Close server bank' options will be set to the current 'Close till from front of house' option for existing employee classes when the new options are added.

Ability to Auto Populate Cash Management Fields for Specific Tender Medias
CR ID #: N/A
SCR #: 36184

With this release, the ability to populate the counted fields for specifically marked tender media's with the tender media's actual value has been introduced.

Configuration

In *Cash Management | Configuration |Item and Units,* two new columns have been added to the grid. This allows users to edit the two new fields in Configuration | Items and Units | Units tab (Auto Count and POS Item columns).

To set 'Auto Count' of a count unit, click that cell and a drop down with 'Yes' or 'No' will appear. Choose 'Yes' or 'No' to set this field. Default is 'No'.

To set 'POS Item' for a count unit, the user must set the 'Auto Count' to "Yes" first. If 'Auto count' is 'No', the POS Item will be left as 'null' and will be read-only. If 'Auto Count' is 'Yes', the user can click the cell and a drop down with mapped POS items will appear.

The user can then pick a POS item from the list. The drop down list will contain only mapped POS items of the selected count item. The mapped POS items of a count item are configured in the tab, 'Item Mapping' of the same form. If a POS item is not mapped with a count item, it will not show up in the drop down list. Because no add/subtract action is defined, such POS items have no impact to the balance of the till.

To reset 'POS Item' to null for a count unit, set the 'Auto count' to 'No'.

Note 1: A cash tender is not allowed to automatically populate the count fields.

Note 2: The Cash Management client caches data. Only saved mapped items will show up in the drop down list. If a user adds a new mapped POS item to the count item but not is not saved, the new mapped item will not show up in the drop down list.

Note 3: A user is not allowed to map one POS item with more than one count units belonging to the same count item. Otherwise, the subtotal will be inaccurate because of double counting.

Till/Server Bank Counting

This new feature applies to Till/Server Bank only. It has no impact to the safe, petty cashes or any other receptacles. While counting a till or server bank, the user will see that some counted fields will automatically populate with their actual values if the related count units are linked to POS items. There were no User Interface changes.

Backoffice

Cash Management Till Information Now Follows Regional Settings
CR ID #: N/A
SCR #: 36600

With this release, Cash Management has been enhanced to follow Regional Settings as well as POS System Restaurant and Currency settings. Till information now displays using the proper thousands or decimal separator.

Option to Require Deposit Reference Field Entry Introduced
CR ID #: N/A
SCR #: 36643

With this release, the existing option 'Require Deposit ID' will now have a 'Enter deposit reference' form appear when enabled. The user must now enter a reference before moving forward. This allows accountant information pertaining to this deposit to be entered (i.e.- Bag #; etc). This deposit information will be displayed/ printed in the related CM reports.

Local Time Is Now Tracked

CR ID #: N/A
SCR #: 36185

In previous versions, Cash Management (CM) detail was only stored in Greenwich Mean Time (GMT). With this release, CM detail will now be stored in Local Time as well as GMT.

A new column called TRANSACTION_TIME_LOC has been added to the following tables to track local time:

◆ CM_TRANSACTION_DTL

◆ CM_RECEPTACLE_DTL

Reports

Deposit Report Enhanced

CR ID #: N/A
SCR #: 36150

With this release, the Cash Management Deposit Report has been enhanced to include the following information in the sub detail section of the report:

◆ Date and time

◆ Manager Name

◆ Manager ID

◆ Amount

Note   *This report can only be previewed and printed from Cash Management | Deposits. This is not available in Autosequence Front End Reports.*

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current Cash Management application. To qualify as an enhancement, the change must satisfy the following criteria:

◆ The basic feature or functionality already exists in the previous release of the software.

The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

The table below summarizes the enhancements included in this version.

Module	Feature	Page
Back Office	When Opening Cash Management the 3700d.log Would Log Too Much at Zero Verbosity	130
	Journal Logging Enhanced to Include Cash Management Functions	130
Printing	Improved Cash Management Function Chit Printing	131
Database	Cash Management Would Not Distinguish Between Currently Assigned and Past Assigned Employees	132

Back Office

When Opening Cash Management the 3700d.log Would Log Too Much at Zero Verbosity
CR ID #: N/A
SCR #: 36956

Previously, when Verbosity was at zero, whenever a client made a connection to Cash Management a message would be logged in the 3700d.log file. This was way too often.

With this release, when Verbosity is set to Zero, Cash Management will log nothing when opened.

Journal Logging Enhanced to Include Cash Management Functions
CR ID #: N/A
SCR #: 37142

In previous versions of RES, the following functions were not logged to the journal:

◆ Till Assignment

◆ UWS Assignment

◆ Close Till

◆ Remove Till

◆ Cash Pull

◆ Adjust Till

These functions are now logged to the journal with this release.

Printing

Improved Cash Management Function Chit Printing
CR ID #: N/A
SCR #: 37142

Cash Management function chit printing from POS Operations when Assigning and Unassigning employees from tills has been improved. In previous versions, all employees who were assigned to that till would be listed regardless of their status.

With this release, a [+] plus sign will be placed before the employee's name indicating that they are 'Assigned' and a [-] minus sign will be placed before the employee's name indicating that they are 'Unassigned'.

```
==============================

Emp Till Assign/Unassign
501 QSR Cshr 1     Pcws02-2010
Trn42        Dec29'09 02:32PM
------------------------------
Cash Drawer  - 1
Till Number  - 18
Till ID      - T1
Till Status  - OPEN
Till Name    - Cashiering
[+]     203 Bartender 3
[+]     202 Bartender 2
[-]     204 Bartender 4
[-]     502 QSR Cshr 2

==============================
```

Database

Cash Management Would Not Distinguish Between Currently Assigned and Past Assigned Employees
CR ID #: N/A
SCR #: 36576

In previous versions, Cash Management was unable to distinguish between currently assigned employees and past assigned employees. With this release, all employees that have been assigned will display when viewing tills in Cash Management. Employees that are not currently assigned to the till will have an [*] at the end of their name, employees that are currently assigned will remain the same.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

◆ The basic form, feature, or functionality must be part of the previous version of the software.

◆ The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. This issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

The table below summarizes the revisions included in this version.

Module	Feature	CR ID	Page
POS Interface	Unable to Assign Till While in SAR	N/A/ 37018	134
Backoffice	Cash Management Would Not Receive Changes from POS Configurator until Re-Started	N/A/ 37154	134
	Could Not Finalize a Deposit with 'Petty Cash' Option Enabled	28514/ 37162	135

POS Interface

Unable to Assign Till While in SAR
CR ID #: N/A
SCR #: 37018

Previously, it was found that when attempting to assign a till while in SAR there would be no response. When attempting to tender a check an error would occur stating that till assignment was required. This has been corrected. Tills can now be assigned while in SAR. If no till has been assigned, then the error will appear.

Backoffice

Cash Management Would Not Receive Changes from POS Configurator until Re-Started
CR ID #: N/A
SCR #: 37154

Previously, changes made in *POS Configurator | Employee Class | Cash Management | Till* options would not take affect if made while Cash Management (CMBO) was open. Changes would not be received until CMBO was restarted. This has been corrected.

Could Not Finalize a Deposit with 'Petty Cash' Option Enabled
CR ID #: 28514
SCR #: 37162

When a database is upgraded to RES 4.7, the 'Petty Cash' option defaults to enabled which will prevent finalizing a deposit. If 'Petty Cash' is not being used, to prevent this the 'Petty Cash' option must be disabled.

If 'Petty Cash' is to remain enabled, the 'Transfer from Petty Cash' option (*POS Configurator | Employees | Employee Classes | Cash Management | Petty Cash Option*) needs to be enabled.

With this release, the 'Petty Cash' option defaults to disabled.

Note   *This issue will exist when upgrading from RES 4.7 to RES 4.8.*

If upgrading to RES 4.8 from a version before RES 4.7, this issue will not exist.

Labor Management (LM)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

The table below summarizes the new features included in this version.

Module	Feature	Page
Setup	Support for Minor Labor Law Alerts Enhancement	136

New Features Detailed

Setup

Support for Minor Labor Law Alerts Enhancement
CR ID #: N/A
SCR #: 29787

With this release, support for Minor Labor Laws has been enhanced. Two new options have been added to the *Labor Management | Rules/Laws | Labor Laws | Child Labor Laws | Work Restrictions* tab.

These options were added to support the Child Labor Law alert in the Alert Manager.

◆ Maximum minutes before break (school day)
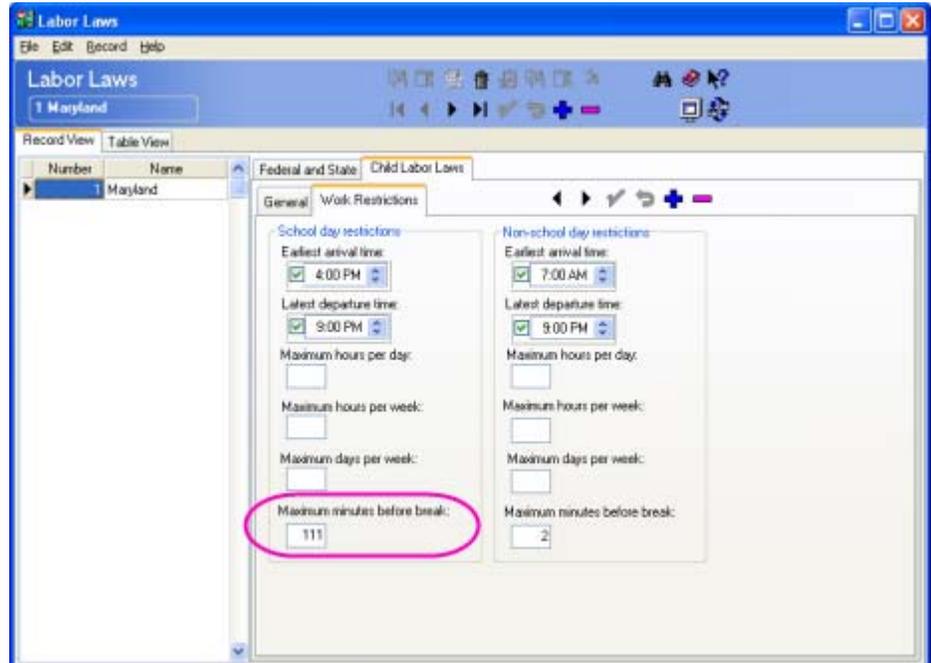
With this option, the user will enter the maximum number of minutes before an employee covered by child labor laws may work before they must take a break on school days.

Note   *LM Setup | General | LM Calendar must be configured before restrictions will be enforced.*

◆ Maximum minutes before break (non-school day)
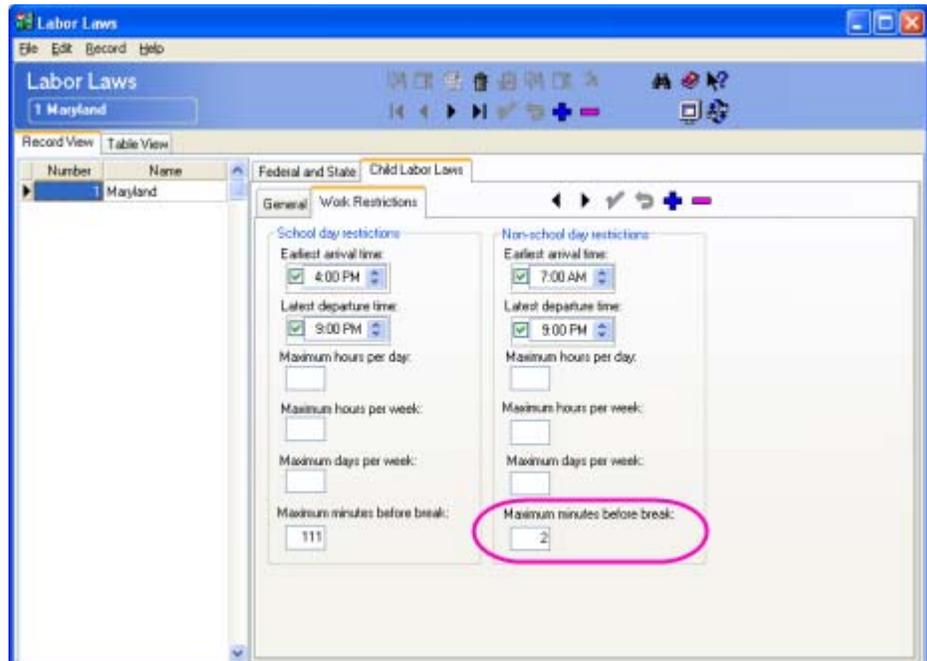
With this option, the user will enter the maximum number of minutes before an employee covered by child labor laws may work before they must take a break on non-school days.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current Cash Management application. To qualify as an enhancement, the change must satisfy the following criteria:

- ◆ The basic feature or functionality already exists in the previous release of the software.

The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

There are no enhancements in this version of the software.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

◆ The basic form, feature, or functionality must be part of the previous version of the software.

◆ The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. This issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

The table below summarizes the revisions included in this version.

Module	Feature	CR ID/ SCR	Page
COM Scheduler	COM Scheduler Could Fail After Reboot with Norton Anti-Virus 2010	N/A/ 37053	141
Payroll Preprocessing	Premium Pay Would Double Hours if the Same Definition was Set Up On Consecutive Days	23630/ 32399	141
	Back-Office Applications Would Close Improperly	28863/ 37378	142

COM Scheduler

COM Scheduler Could Fail After Reboot with Norton Anti-Virus 2010
CR ID #: N/A
SCR #: 37053

Previously after installing Norton Anti-Virus 2010 on an XP Server, COM Scheduler could fail on start up. This has been corrected.

This was believed to be a timing issue between rebooting and the application starting. With this release, COM Scheduler has a 'paused' setting to delay the starting time to prevent it from failing. The registry setting is
HKLM\software\Micros\EnterpriseOffice\COMScheduler\pause.

Payroll Preprocessing

Premium Pay Would Double Hours if the Same Definition was Set Up On Consecutive Days
CR ID #: 23630
SCR #: 32399

Previously, if there was a similar premium pay definition set up on consecutive days and an employee clocked in with a job linked to that definition, the hours would be doubled when the clock in crossed through midnight. This has been corrected.

Back-Office Applications Would Close Improperly
CR ID #: 28863
SCR #: 37378

Previously, back-office applications (Payroll Preprocessing, Human Resources, Labor Management) would close improperly after the configured 'Maximum Idle Time in Minutes' was reached, even if the user was still working in the application. This has been corrected.

As long as activity continues on the form by the user, the Max Idle Timer resets and starts again when it sees any activity. If the user is in the middle of an edit, but the form is idle for a period of time specified, it will time out.

Product Management (PM)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

The table below summarizes the new features included in this version.

Module	Feature	Page
Receiving	Transfers Between Stores	143

New Features Detailed

Receiving

Transfers Between Stores
CR ID #: N/A
SCR #: 36045

With this release, transfers in and out to other stores are now supported. The following options have been introduced:

◆ Is store (located in *PM | Setup | Vendors*)

◆ Allow transfer between stores (located in *PM | Setup | PM Parameters | Cost Centers/Transfers*)

Configuring a Vendor as a Store

A vendor can be configured as other store in *PM | Setup | Vendors* by checking the 'Is store' check box on the Contact Information tab. If a vendor is a store then only its contact information and address will be visible to the user.

Transferring Between Stores

A user can now transfer items to or from another store. This is configured by selecting the 'Allow transfer between stores' option located in *PM | Setup | PM Parameters | Cost Centers/Transfers*.

Transfer Forms

New Transfer forms have been created to support this feature:

◆ Create Store Transfer In

◆ Create Store Transfer Out

◆ Modify Store Transfer In

◆ Modify Store Transfer Out

When the option 'Allow transfers between stores' is enabled, the [Transfer] button will be available on the main form in PM. This button will allow the user to get to the four new forms located in *PM | Transfers*.

Only the vendors marked as 'Is Store' will be available from the drop down selection.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current Cash Management application. To qualify as an enhancement, the change must satisfy the following criteria:

♦ The basic feature or functionality already exists in the previous release of the software.

The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

There are no enhancements in this version of the software.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

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Revisions Summarized

There are no revisions in this version of the software.

Financial Management (FM)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

There are no new features in this version of the software.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current Cash Management application. To qualify as an enhancement, the change must satisfy the following criteria:

* The basic feature or functionality already exists in the previous release of the software.

The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

There are no enhancements in this version of the software.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

◆ The basic form, feature, or functionality must be part of the previous version of the software.

◆ The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. This issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

There are no revisions in this version of the software.

RES Platform

Introduction

This chapter comprises changes made to the RES Platform, which includes the following applications:

- ◆ MICROS Desktop

- ◆ License Manager

- ◆ Reports Explorer

- ◆ Language Translation Utility

- ◆ System Security

- ◆ Database Manager

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

There are no new features in this version of the software.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current Cash Management application. To qualify as an enhancement, the change must satisfy the following criteria:

- ◆ The basic feature or functionality already exists in the previous release of the software.

The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

An enhancement is defined as a change made to improve or extend the functionality of the current Cash Management application. To qualify as an enhancement, the change must satisfy the following criteria:

◆ The basic feature or functionality already exists in the previous release of the software.

The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

There are no enhancements in this version of the software.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the PM software. To qualify as a revision, the change must satisfy the following criteria:

- The basic form, feature, or functionality must be part of the previous version of the software.

- The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. This issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

There are no revisions in this version of the software.