MicroSale

MICROSALE VERSION 10: THE COMPLETE CHANGELOG
Setup instructions provided in 'Version 10 Technical Setup Changes'

Recommended Hardware Specs

Workstation Specs	Back Office Specs	Back Office Server Specs (9+ workstations)
• 1.8 GHz Duo Core Celeron/Intel processor or equivalent minimum • 2 GB RAM minimum (Large or extremely busy operations, install 4 GB of RAM) • 10 GB of available hard disk space • Windows 10 Professional, Windows POS Embedded 2009 or Windows IoT Pro • 64-bit operating system recommended • Windows Home products are not supported	• 3.0 GHz Intel Processor or faster Quad Core Processor • 8 GB RAM minimum (Large or extremely busy operations, install 16 GB of RAM) • 10 GB of available hard disk space • Windows 10 Professional, Windows POS Embedded 2009 or Windows IoT Pro • 64-bit operating system recommended • Windows Home products are not supported	• 3.0 GHz Intel Processor or faster Quad Core Processor • 16 GB RAM minimum • RAID 01 or RAID 10 • Dual Hard Drives / Dual sets for RAID 10 • 1 Terabyte hard disk space • Windows 10 Professional, Windows POS Embedded 2009 or Windows IoT Pro • 64-bit operating system recommended • Windows Home products are not supported • SQL 2008 R2 (Full Edition ONLY, express edition not supported)

Highlights

Out of Scope
Credit card processing has been removed from Version 10, taking the POS out of scope for PCI. Out of scope processing reduces the risk of data breaches. After the chip reader accepts the charge, the device pushes data back to MicroSale to complete the sale and finalize the check.

Performance
MicroSale now launches 2x faster than previous versions. The splash screen has also been removed which cuts down the launch time as well.
The overall performance of the software is significantly faster than previous versions. The performance boost is noticeable when toggling through categories, running reports, and entering orders.

Pay at the Table
Integrated to Pax and Ingenico devices through Datacap's NETePay.

Give your customers assurance that their card data is protected. Whether your customers are sitting at a table or wandering the patio, you can process your customer's payment right in front of them wherever they are using a pay a the table device.

Pay at the Door
Similar to Pay at the table, your delivery drivers can now take a payment device on deliveries. The device allows customers to review the bill, add a tip and then prints a receipt.

Pax Mobile Payment Terminals	Ingenico Mobile Payment Terminals (Datacap NETePay Payment Terminals)
 D190 first image, D220 second image S920 third image (includes built in printer)	 Ingenico IWL 258 first image (includes built in printer) ISMP4 second image, Link/2500 third image, MOVE/5000 fourth image

ItsaCheckMate Integration
We are thrilled to announce this integration. ItsaCheckMate is a platform that allows virtually every online delivery service to integrate into MicroSale. Direct integrations include UberEats, GrubHub, Door Dash, Postmates, ChowNow, EZCater and more.

Modify modifiers on demand (Modifier Edit)

Users can now modify modifiers on demand. This feature allows users to call upon a modifier group connected to a modifier after the item is already entered. While you can still 'modify modifiers' which immediately prompts a modifier group connected to a modifier, this feature allows added flexibility for order entry. For example, if a salad is listed as modifier side choice, the user can now highlight the salad and further edit the item with 'no tomatoes', 'extra dressing', etc.

Easily add price adjustments to modifier prefixes

Users can now set multipliers on prefixes. For example, a restaurant may charge 1.5x the modifier price for "Extra" or 75% of the price for "Light".

Add new checks to occupied tables

Users can now start completely new, independent checks on an occupied table. This feature is perfect for large communal tables or large parties where customers are coming and going with multiple servers sharing the party. Rather than starting new seats on one ticket, this feature eliminates confusion and makes it significantly easier to add and close tickets.

86 items in the middle of a rush

Users can quickly set items out of stock in the middle of a rush right from the order screen. Instead of having a manager login to the back office and update the terminals, the 86 function provides a quicker alternative and eliminates the potential problem of selling out of stock items.

Ring in the next round of multiple drinks at once

Unlike repeat item which repeats a single item, *Next Round* gives users the ability to quickly ring in multiple drinks in one tap and repeat or edit attached modifications.

Customer Game Tracking

The customer game feature was created for the VFW concept. The establishment sells games and scratch-off tickets that must be fully accounted for in the POS system. Using the Menu Items by Individual report, restaurant management can see how many games are in stock and how many have been sold

Changed Course Lines

Course lines are now programmed to each menu item as opposed to the previous way of using the course line function button on the order screen to separate courses. In menu items and pricing there is a field for each menu item called "Misc Menu Functions" that allows you to assign that menu item to a specific course. There is also a new function button called "Change Course" that will allow you to change the course of an item if needed (i.e. App as Entrée or Entrée as App). Also, added "canned" course lines (Course1, Course2, Course3).

Evenly split all items on check

Users can now quickly split all items into multiple parts and allocate it to multiple seats at one time.
To get to the split check screen first select "Split Check" from the Servers Menu, followed by the check you wish to split. On this screen touch the "split Even" button. You will then be prompted to enter how many times you want to evenly split it and it will then automatically split everything by that denomination.

Easily delete modifiers

The Delete function allows users to delete a modifier from a menu item without having to delete the entire item and re-enter it. To use it, select "Delete Item" followed by the menu item or modifier on the virtual check that you want to remove.

Void an open check from the order screen

"Void Check" function has been added as a function on the order screen. This allows the user to void all items off of the current open check and then automatically closes the order to $0.00. In the previous version, you had to close the check to cash first and then void the check from the Managers Menu. Closed checks will still need to be voided from the Managers Menu.

Quickly pay out individual seat from the order screen

The Pay by Seat function adds a new degree of convenience when cashing out individual seats. Users can now pay individual seats directly from the order screen. This shortcut bypasses the multiple steps previously needed to close out individual seats (previously users must select Close Check > Pay Seat > Choose the Seat > Pay Seat)

Suspend Check

Suspend Check was designed for a predominately college bar where patrons frequently have declined credit cards or forget to pay tabs. The user can suspend the check which holds the tab open in MicroSale to be paid for a future date.

Liquor Control Enhancements

Server Precheck & Berg Server Drink List

Using a Berg Liquor Control System, drinks entered from the server stations will now automatically populate on the bartender's terminal. The bartender selects a check from the "Drink List" which unlocks the Berg controls and allows the drinks to be made. When Berg detects that the drink is poured, the drink is removed from the open drink list.

Why this is beneficial:

The Server Precheck feature substantially improves the ordering process in full service environments. In the previous version, the menu required two sets of menu items for each drink; one at $0.00 and a second with the actual drink price. The server rings in the $0.00 drink, the bartender pulls up the check and then rings in the identical item with a price to unlock the Berg controls.

Credit Card Enhancements

Overhaul to transactions

Version 10 substantially improves transaction speed with EMV chip readers. The new payment technology incorporates an updated design with backend code changes.

When dipping a card in the reader, MicroSale communicates more fluidly with the reader and provides additional insight on what's going on; take out the card, wait, etc.

Start a tab and hold the card on file/Preauth EMV

Users can now start tabs, hold the card data on file and preauthorize cards using Datacap's NETePay EMV solution. Procedures are the same as non EMV. Full Service Register option must be enabled "Hold Charge Card for Open Tabs"

Store offline credit cards with EMV (Store and Forward)

Users can now store offline credit cards using Datacap's NETePay EMV solution. To enable the feature you will need to allow it and configure it in the Net Epay software setup through the Datacap PSCS website. You can also set limits on the number of transactions stored offline, set a purchase limit for stored transactions, and control the amount of time that it will allow you to store offline transactions.

TriPOS Integration

This out of scope credit card processing solution does not require NETePay. It utilizes a direct interface to the Verifone MX 915. The Verifone MX 915 pinpad communicates with MicroSale via the LAN as a separate network device.

Elavon Integration

This out of scope credit card processing solution does not require NETePay. It utilizes a direct interface to the Ingenico ISC250 and the IPP320.

Delivery Changes

New Phone Order Management

Quickly add tips for delivery drivers

Credit card tips can now be added from the "Close All" delivery screen. At the end of each driver's shift, he or she can now enter all of the tips on individual checks in one place.

More easily reconcile driver reports

You can now label prepayments for UberEats, GrubHub and various online ordering vendors. The prepayments separate out sales on the driver report to help reconcile each driver's sales.

Improve accuracy of driver delivery times

"Mark Transaction Paid" has been added for restaurants that close delivery orders at the end of a shift rather than on an individual basis. The function, Mark Transaction Paid, stops the delivery timer to more accurately determine how long it takes from the time a order is placed to the time the order is delivered.

Reopen a phone order and keep payment attached to order

The delivery and phone management screen is much more forgiving when mistakes are made. If the incorrect order is closed with a prepayment (with a credit card or via online ordering), you can now reopen a closed order and place it back into the active orders list.

Easily determine delivery from pickup

A toggle button has been added to the phone order screen to quickly filter between delivery and pickup orders.

Search transactions by address

You can now search transactions by delivery address (in transaction review). This has been added in order to find orders when the customer name or check number may not be known.

Setup Enhancements

MicroSale Version 10 has eliminated common pathing. The benefit of doing this is easier installation and setup. There is no longer multiple data path configurations; eliminating the possibility of incorrectly configuring the system as well as faster setup time. Whether Quick Service, Full Service, or a combination of both, pathing remains the same. We do still maintain the option to allow unique pathing for the House Account/Gift Card database if necessary.

New Register Options

1. It streamlines the options so that the user only adjusts and views the options necessary to the site's specific configuration
2. It separates register specific options from global (sitewide) options. Changes made in the "Global Setup" options will update to all registers while the "Terminal Setup", "Full Service", "Quick service", and "Cashier Station" options are specific to the register that they are being set on.
3. It puts other options into individual sections easily accessed as well such as: Printer/Cash Drawer, Kitchen Video, Kiosk, Modifier, Time Keeping, House Accounts, Credit Card, Phone Orders, etc
4. It makes other areas of "Register Setup" accessible with their partner options. For instance, the "Printer/Cash drawer" option now has a link to the Printer Setup section where you can create and assign receipt and remote printers
5. Several other features that are used regularly are now accessible in Register Options now as well such as Email setup, closing report options(what prints and emails), revenue centers, etc. Again, this centralizes the majority of the setup to the register options are so the user does not need to navigate through other, less known areas of the software such as the "Misc System Configuration Page"

Email reports by recipient group

Instead of nightly reports and individual reports sending to every email address saved in MicroSale, you can now create groups of recipients for specific reports. Groups may include "owners", "shift leaders", "general managers", etc.

QR Codes

MicroSale now has the ability to generate QR Codes. This feature is designed for convenience stores, grocery stores and other establishments that input items into a separate point of sale system for payment. The QR code contains the PLU numbers of each of the menu items. When the cashier scans the QR code, each item automatically enters into the POS system.

Display & Look

Design changes and updates in Version 10

Order Entry

Order Screen
- 14 categories are shown on main page
- 20 functions can now fit on order screen. 12 buttons are displayed to the right of the virtual check. If the remaining 8 additional functions are not assigned to buttons, the virtual check expands. When you add additional functions, the virtual check shrinks back to the default size with the functions placed below the virtual check.

Modifiers (order entry side)
- Added an additional column and row of modifiers; a total of 48 modifier buttons fit on one page (previously 35) **note, if you are using 'Invisible' modifiers to space out buttons, you may need to revisit your modifier screens and make adjustments**

Menu Maintenance

Category Setup
- Improvements have been made to this screen to make it more intuitive
  - Shifted several attributes associated with the setup of category buttons
    - Moved Alternate Description to the immediate right of the "Category Name". Renamed the function to "Alternate Button Name, Leave Blank for Default"
    - Renamed "Mandatory" function name to "Mandatory Category, Item in this category will be required on check"

Subcategory Setup
- **Added functionality; you can now change a subcategory name with items assigned to the group.**
  - This allows you to easily change a name instead of reassigning menu items, deleting subcategory, adding a new subcategory and then reassigning the items again.
- Improvements have been made to this screen to make it more intuitive
  - Changed Timed Event Section of subcategory screen
    - Added description to make it more understandable that the timed event section only controls the availability of the subcategory buttons

Department Setup
- Removed Misc. printing setup; Misc Sale function has been removed to prevent tax issues. Instead of a misc sale item, create Open Item buttons such as "Open Food" with appropriate tax levels.
- Added Game Function; The customer game feature was created for the VFW concept. The Game Function automatically creates a report to be referenced. Using the Menu Items by Individual report, restaurant management can see how many games are in stock and how many have been sold.
- Added descriptions to the Timed Event Section; helpful to see that timed events set here use the global price changes; if individual prices for timed events need to be used, user needs to go to Menu Items and Pricing screen.

Timed Event Setup
- Improvements have been made to this screen to make it more intuitive
  - Additional descriptions have been added
    - Hints user to make timed event name more descriptive, as only the timed event name is assigned to menu items. When the name includes the availability of the event, it makes it easier for the user to alter existing menu items. Such as making a name "HH M-F 4-7pm" instead of "Drink Special".

- Reinforces that price changes on timed events are Global; if the user needs to set the prices individually by item, it directs them to the Menu Items and Pricing screen.
- Dates Valid includes "None" keeps timed event running indefinitely; this hint will cut down on potential questions, as they know a date is not needed.

Shift Levels
- Improvements have been made to this screen to make it more intuitive
  - Key name is now listed as "Prefix Name". This keeps the terminology the same from the Shift Level setup in the Menu Items and Pricing screen.
  - Added hint to keep the prefix name short, as this name goes in front of the menu item name. This hint helps remind users to keep the name short so that the name does not get cut off when the item is rang in.
  - Renamed Key Description to Name on Button. This allows you to expand the name of your prefix; such as SM as a prefix can be displayed as SMALL on the button.
  - Headers have been added to the columns of saved shift levels. The left column is named "Prefix Name" and the right is "Category Assigned"

Modifier Setup
- Added functionality
  - Edit Modifier With; this function works similar to "Modify Item". When the user attaches a modifier group under "Edit Modifier With", the user can touch a modifier on the order screen, select the function, Edit Modifier, and further edit the modifier. This is beneficial for scenarios such as Side Salad modifier, where you want to add/edit the salad. Or where you want to be able to make Fries extra crispy and add cheese.

Menu Items and Pricing
- Improvements have been made to this screen to make it more intuitive
  - Shift Pricing (bottom of screen, gray)
    - Renamed header of "Prefix Name" to Prefix (Shift Name)
    - Event Name has been renamed to Timed Event Name
    - Price has been renamed to Timed Event Price
    - Mod Price has been renamed to Mod Price Level
- Modifier area (top right, gray with yellow border)
  - Removed labels of "Modifier #1, Modifier #2, etc, to 1, 2, etc
  - Added "First Matrix Stop" under the modifier names, to make it more understandable. The number of the matrix stop correlates to the modifier number
  - The optional checkmark (to the right of the modifiers), has been altered to make it more understandable. It now reads "Use with Modify Item", When ticking the checkmark next to the modifier, it makes the modifier group only accessible with "Modify Item". This works identically to earlier versions but includes a better description of the feature
- Timed Event area
  - Renamed "Use Timed Event With This Menu Item" to "Enable Timed Events"
  - Renamed "Available all of the time" to *"Menu Item Always Available (unchecked works with timed events only)"*

Menu Item Button Layout
- Improvements have been made to this screen to make it more intuitive
  - Additional category buttons have been added for ease of use
  - Renamed "Alphabetical Order" to "Alphabetize Items on Buttons"
  - Renamed "Restore Default" (bottom of screen, gold button) to "Restore All Buttons Back to Default Size and Placement" and changed to red. This should eliminate confusion between "Restore" and "Restore Default".
  - Toggle functions have been made larger to more easily select buttons
  - Renamed "Restore" to "Restore Button Size"
  - Renamed "All Categories" (under unassigned menu box) to "Show All Menu Items"
  - Renamed "Main Category" (under unassigned menu box) to "Show Only This Category"

Employee Maintenance

- Improvements have been made to this screen to make it more intuitive
  - Reformatted screen to make it easier to complete fields
  - Employee ID has been moved under "Secondary Access Number". An added description has been added of, "Employee ID is only used for external payroll systems". This will eliminate confusion on users that think the Employee ID is the Primary Access Number.
  - Renamed "View Terminated Employees" to "Filter Terminated Employees", as the function filters the employees using the "Last Name" field.
  - Renamed "View Active Employees" to Filter Active Employees, as the function filters the employees using the "Last Name" field.

Reports Menu

- On Reports Menu (main page) Updated buttons, buttons have not been renamed
- Sales Reports updated screen, important numbers have been highlighted
- Calendar has been updated
- Menu and Menu Sales > Menu Items by Individual
  - Screen has been reworked
    - Load from Menu File and Load from Sales History buttons have been moved to the top of the screen. Load from Menu File has been renamed to Load Menu Items from Menu Database. Load from Sales History has been renamed to Load Sold Menu items from Sales History
    - The page up and page down buttons have been moved to the left of the screen
    - Select All and Clear All have been moved directly under the menu item box
    - Select by Category filter has been renamed to "Select By Individual Category". The "Select Category" Button has been moved to the right of the filter name.
    - To the right of the screen, an additional header has been added and reads "Option Filter Options".
      - The two options in this area has been renamed and moved
        - Sales By Individual has moved to the top and has been renamed to "Group Menu Items Sold by Employee"
        - Group Items together has moved to the top and has been renamed to "Group Menu Items and Modifiers with Same Name Together".
    - Mix Name has been moved under the "Additional Filter Options" area and has been renamed to Product Mix Report Name.

Discount Setup

- Improvements have been made to this screen to make it more intuitive
  - Added hints/descriptions to make screen more intuitive
  - Under "Name", a description has been added, "Name will appear on customer receipt and reports"
  - With, "Deducts Sales Tax or Charges Sales Tax", it now includes "Sales Tax=1 by default"
  - "Combo's" has been renamed to "Choose Combo Items"
  - The Multi Select Discount button has been moved into its own section (sectionalized by a blue box). It is now grouped with "Items Needed to Match Per Transaction". Includes a description or key (highlighted in blue) that reads "0=Entire Check, 100=Multiple Items can be selected for the discount, Custom Number entered requires that specific number of items to be selected for the discount to activate".
  - The Time/Availability setup has been altered
    - The label of "Coupon Not Available on Checked Days" has been renamed to "Select days when discount is NOT available". This change should alleviate some confusion about qualifying days

What's Coming in 10

- New partnership for loyalty

Latest Features of Version 9 (carried over to Version 10)

You can now save a button layout in any screen resolution
The Button layout will now allow you to save the screen using resolutions higher than 1024 x 768

Eliminates settings conflicts
MicroSale will check for, and disable, the Windows Firewall and User Account Controls every time MicroSale launches. This eliminates multiple errors and issues caused by conflicting Windows settings

Horizontal modifier printing
Added optional modifier printing orientation; when a kitchen ticket prints, the modifiers can now print horizontally on the ticket versus vertically line itemized

Search register options
You can now use a search tool to find, select and save registers options

Email customers
Send emails to one or all email addresses saved from your house account or phone order list. Choose recipients based on a date range and send coupons directly from the POS. Managers Menu > Reports > **Customer Tracking**

MicroSale is now integrated with text messaging using the wait list
1. Hostess adds the customer's phone number to MicroSale's wait list
2. Customer immediately receives a text to confirm the phone number is correct
3. When the table is ready, the host sends a text notifying that the table is ready