

Oracle® Retail MICROS Retail-J

Configurable POS User Interface

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MICROS Retail-J

Configurable POS User Interface

Revisions

1.2	March, 2015	Added Oracle cover and copyright page.
1.0	October 22, 2013	First published.

Associated Change and Issue References

Issue #	Area	Files Changed	Description
54849	POS, BackOffice	rjBackOffice.jar, rjDataImporter.jar, rjJavaPOS.jar, rjRetailFoundationClasses.jar, rjBackOffice.war, rjWebServices.war, rjThinClientPOS.jar	Advanced Configurable POS

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Note: The rebranding for the latest version of this documentation set is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout this existing documentation set.

1.0 POS Screen Definitions

To create POS screen definitions, you need to use the following Retail-J features:

- Form Definitions
- Menu Definitions (see “Command Buttons and Menu Sets” on page 4)

1.1 Configuration Overview

POS screen definitions are contained in form definition sets. You select the form definition set that applies to a location from Data Maintenance > Company Structure > Locations > Form Definition Set. The types of Form definitions included in a form definition set are:

- POS Form
- PDF Form
- HTML Page
- Web Mail Form
- Web Mail HTML Form
- POS Screen
- Table Layout
- Servlet POS Screen

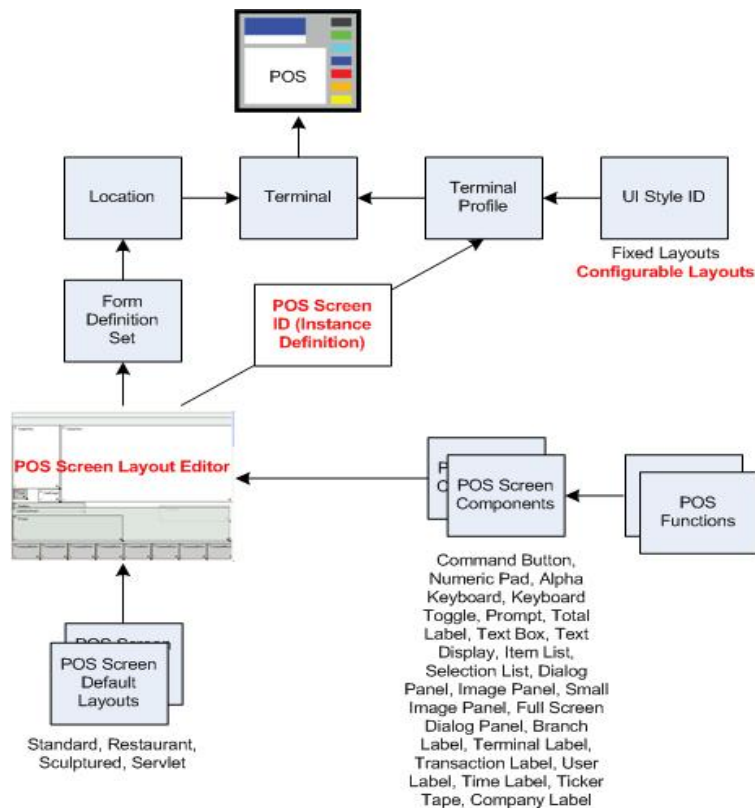
POS screens are of two basic types: fixed and configurable.

POS screens are built from screen components. Screen components link to POS functions.

This section describes:

- POS screen components
- Fixed POS screen layouts
- Configuration opportunities for fixed POS screen layouts
- Configurable POS screen layouts
- Configurable Servlet POS screen layouts
- Restaurant POS screens including table management

An overview of POS screen definition is shown below.



2.0 POS Screen Components

POS screen components and the POS functions they call are explained below.

2.1 Command Buttons and Menu Sets

Command buttons depend on the Menu Set ID selected in Data Maintenance > POS Support > Terminal Profile.

Menu sets are configured in Data Maintenance > General > Menus. Both POS and Back Office menus can be configured from here.

All POS menus are made up from one or more of the following sub menus:

- Cash Management Menu
- Collect Sale Menu
- Customer Details Capture Menu
- Dispatch Menu
- Flight Menu
- Home Delivery Return Menu
- Layaway Menu
- Manager Menu
- Non Sale Menu
- Offline Sale Menu
- Order Menu
- Product Wastage Menu
- Quote Menu
- Recall Men

- Return To POS Menu
- Return Menu
- Sale Menu
- Store Menu
- Telephone Sale Menu
- Tender Menu
- Trade Sale Menu
- Transaction Type Menu
- Void Menu
- View BasketMenu
- Sign On Menu

A number of POS menu sets are available as standard. If you define a new POS menu set, the above sub menus are initially blank and predefined POS functions can be added to them as command buttons. In addition, you can define command buttons which link to other sub menus. Generally, it is easier to copy a menu set and modify it rather than starting afresh.

The following POS functions are available to be assigned to command buttons. Not all commands are available or appropriate in all circumstances for all sub menus. Many commands will be the subject of configuration in other parts of the application.

AccountPayment	AccountWithdrawal	AirportSale	AirportStaffSale
Allowance	Back	CancelAirportSale	CancelCollectSale
CancelCustomerLayaway	CancelCustomerOrder	CancelEmpGradeDiscountAtTotal	CancelEmployeeGradeSale
CancelEmployeeSale	CancelOutstandingCustomerOrder	CancelPostVoid	CancelSimpleEmployeeSale
CancelTaxReceiptRequest	CancelTaxSlipRequest	CancelTradeSale	GetLoyaltyAccount
CaptureNameAddress	CapturePickupPoint	ExtCardSysAdmin	ExtCardSysEndOfSess
ExtCardSysReconcile	ExtCardSysReconcileWithClosure	ExtCardSysStartOfSess	CardTender
CashDepositHistory	CashManagement	CashTender	ChangePassword
ChangeTableStatus	ChequeTender	CLR	ClearSalesperson
ClearOverride	ClockIn	ClockOut	CollectCustomerLayaway
CollectCustomerOrder	CollectCustomerOrderItem	CollectPrescription	CollectSale
ConvertDispatchToSale	ConvertQuoteToCollectSale	ConvertQuoteToOrder	ConvertQuoteToSale
ConvertSaleToCollectSale	ConvertSaleToDispatch	ConvertSaleToOrder	CoverageCalculator
CurrencyConverter	CountCustomer	CurrencyConverter	CustomerDetailsCapture
CustomerLayaway	CustomerLayawayPayment	CustomerOrder	CustomerOrderPayment
CustomerPrompt	PluView (customer view)	DeliveryOrderDepositPayment	DepartmentStoreMMGReturn
DepartmentStoreMMGSale	DepositPayment	DepositRefund	Dispatch
DisplayArchivedTransactions	DisplayExistingCollectSale	DisplayExistingCustomerLayaway	DisplayExistingCustomerOrder

DisplayBasketMessages	DumpCodeSale	POSEditMenu	EmployeeGradeDiscountAtTotal
EmployeeGradeSale	EmployeeSale	Enter	PluExchangeFromOrder
PluExchange	Exit	ExpenseItem	ForcePrintToRemotePrinter
ForceTrainingMode	FreeTextEntry	FuzzyProductSearch	GetEFTTransactionNumber
GiftVoucherReturn	GiftVoucherSale	POSContextHelp	HomeDelRet
IncomeItem	InteractiveVoid	IssueLoanItem	ItemDiscount
LaunchApplication	LeaveRekeyingMode	LocateProductInventory	LockScreen
LockTerminal	LoyaltyAccountEnquiry	MMGHierarchyReturn	MMGHierarchySale
MMGReturn	MMGSale	ManagerFunctions	ManualPostVoid
RecordPromotionCode	ItemTaxModify	ModifyQuantity	TransTaxModify
MultiplePointsEnquiry	Navigate (to web address)	NoSale	NonMerchReturn
NonMerchSale	Offline Sale	OrderMultiChannelItem	Orders
LocalAccountPayment	PopulateData	PostVoid	PriceOverride
PrintContactlessReceipt	PrintCustomerDeliveryNote	PrintInvoice	PrintLastReceiptAsGiftReceipt
PrintLastReceipt	PrintLastReceiptAsSlipReceipt	PrintLastReceiptAsTaxReceipt	PrintLastReceiptAsTaxSlip
PrintPCReceipt	PrintProductLabel	PrintQueueManager	PrintReceipt
PrintSystemInformation	PrintVATInvoice	posProductGroupSearch	PluKeyedSale
ProductMovement	PluPresetReturn	PluPreset	PluReturn
PluSale	posProductSearch	ProductWastage	MMGroupSale
MMGSearch	PromoVoucherSale	PromotionalRechargeableVoucher	Quote
RekeyingMode	Resell	Recall	RecallCancelledDeliveryOrder
RecallCollectSale	RecallOrder	RecallLayaway	RecallQuote
RecentTransRecall	RecallRepair	ReceiptExchange	ReceivePrescription
RechargeableVoucherCancel	RechargeableVoucherEnquiry	RechargeableVoucherExpenseItem	RechargeableVoucherHistory
RechargeableVoucherMerge	RechargeableVoucherSale	RechargeableVoucherTopUp	RechargeableVoucherTypeCancel
RechargeableVoucherTypeSale	RechargeableVoucherTypeTopUp	Redo	ReloadConfig
RemoteCustomerProductsReturn	RemoteCustomerProductsSale	Repair	RequestGiftReceipt
RequestReceipt	RequestSlipReceipt	RequestTaxFree Transaction	RequestTaxReceipt
RequestTaxSlipReceipt	ReserveTable	ResetICCDDevice	ResetPrinter

ResetScanner	RestartAirportSale	ReceiptReturn	OriginalReceiptDetailsReturn
ReturnLoanItem	Returns	RunExternalWebApplication	RunScript
SaleOption	Sales	SelectPromotionCode	SelectTransactionType
SellFromExternalTransaction	SellFromView	SellFromGiftList	SellFromOrder
SellFromWebsite	SetEFTTransactionNumber	SetSalesperson	SignOff
SignatureCapture	SimpleEmployeeSale	posStockLocator	StorageTransStore (Storage Transaction by Store ID)
Store	SuspendOrder	SwitchMenuSet	UnavailableTable
TaxFreeShoppingHotKey	TaxRefundVoucher	TelephoneSale	tenderExchange
ThinClient	TopUpBalance	TopUpCardReturn	TopUpCardSale
Total	TradeSale	TradeSaleProductSearch	TransactionCorrection
TransDiscount	TransRecall	CustomerTransRecall	StorageTransRecall
TableTransRecall	UserTransRecall	TransStore	CustomerTransStore
TableTransStore	UserTransStore	TransactionTenderCorrection	Undo
UnlockTerminal	UpdateICDevice	UserRegistration	Override
ViewTableStatus	VoidItem	VoidPrevious	VoidPromotion
VoidTransaction	Voids	0	1
2	3	4	5
6	7	8	9
.			

The command is associated with the command button by its position (that is command button number) in the POS screen layout.

2.2 Numeric Pad

The numeric pad is predefined in fixed POS screens and in the standard layouts that are used as a basis for configurable POS screens. Although, you can move the position of the numeric pad in configurable POS screens.

2.3 Alpha Keyboard

The alpha keyboard is predefined in fixed POS screens and in the standard layouts that are used as a basis for configurable POS screens. Although, you can move the position of the alpha keyboard in configurable POS screens.

2.4 Keyboard Toggle

Pressing the keyboard toggle switches between the numeric pad and the alpha keyboard.

2.5 Prompt

The prompt box offers operator instructions and fill colours according to the state of the transaction. It is normally located above the text (input) box

2.6 Labels

Label	Description
Total	Basket total with currency symbol. Additionally or alternatively, use the Item List component to total both value and quantity.
Company	Company ID
Branch	Branch ID
Terminal	Terminal ID
Transaction	Transaction ID
User	User ID
Time	Date and time
Ticker	The ticker tape component polls the specified URL and displays any text found there, scrolling from left to right.

2.7 Text Box

The text box is used to enter the user ID and password during sign on and to enter, for example, product IDs and prices during sales transactions, or the first few characters of customer's surname for a customer search and so on. The entry to be made in the text box is described in the prompt box.

2.8 Text Display

The text display is used to display product details in conjunction with the image panel (if the product is set to display an image) in response to a search.

2.9 Item List

The Item List component is used to list out, and total, the basket as the transaction progresses.

2.10 Selection List

Allows the operator to choose from a list of options, for example expense item codes or search results.

2.11 Dialog Panel

The dialog panel allows the entry of information which not be directly related to the transaction in hand, for example name and address capture.

2.12 Image Panel

The image panel is used to display product images in conjunction with the text display.

2.13 Small Image Panel

The small image panel is used to display product or card type images.

2.14 Full Screen Dialog Panel

The full screen dialog panel is used with, for example, a browse command button. The browse command button can be configured to, for example, the URL of the Back Office.

3.0 Fixed POS Screen Layouts

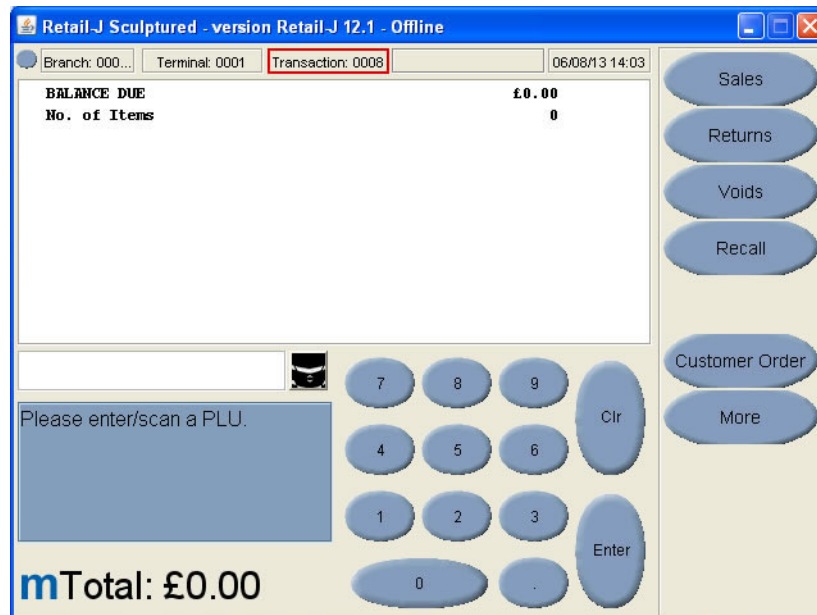
In a fixed screen layout all of the screen components, their positions and the POS functions they call

are predefined.

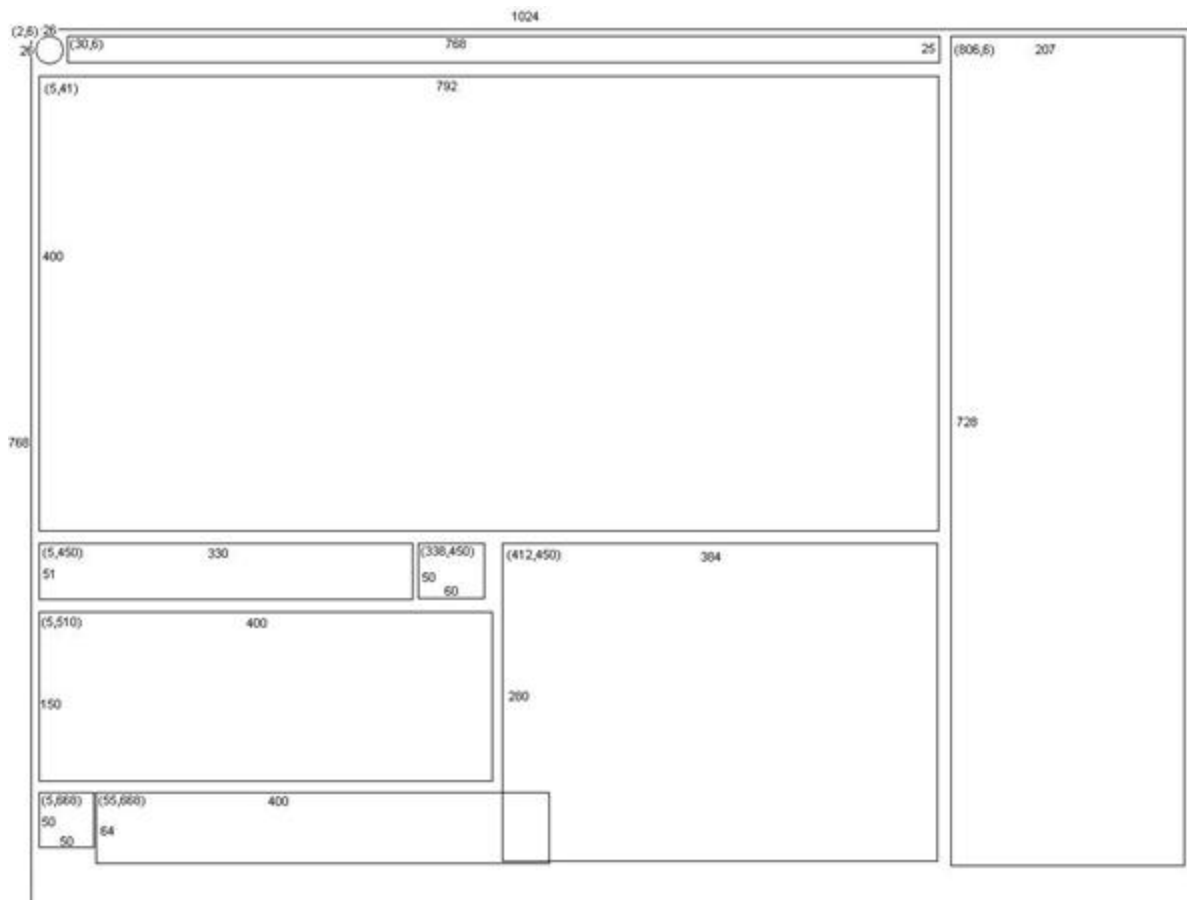
Some layouts offer limited opportunities for configuration using button and background images.

POS fixed screen layouts are designed for a 1024 x 768 screen size.

An example of a fixed screen layout, Retail-J Sculptured, is shown below.



The layout grid corresponding to the screen above is shown below.



3.1 Fixed POS Screen Layout (Sculptured) Configuration Opportunities

There are the following configuration opportunities with the Retail-J Sculptured fixed POS screen layout:

- Background image
- POS button images
- Font colours on POS buttons
- Product/company logo
- Hot swap button

3.1.1 Background Image

Create your background image sized to 1024 x 768 as a GIF or JPG (say `sculpback.jpg`)

Place the image in the `RJ_HOME Images` directory.

Add the following entries to `com.retailJava.javaPOS.properties`

```
POS.Background.RightHanded.1024=sculpback.jpg
```

```
POS.ItemList.Opaque=true
```

```
POS.SelectionList.Opaque=true
```

```
POS.TextDisplay.Opaque=true
```

```
POS.TextBox.Opaque=true
```

```
POS.PasswordBox.Opaque=true
```

```
POS.Prompt.Opaque=true
```

3.1.2 POS Button Images

There are two images for each type of button, one for the up position and one for the down or pressed position.

The types, sizes and image file names of the buttons are listed in the following table. All button images are contained in the `RJ_HOME\Images` directory.

Button Type	Size Pixels	Up Image Name	Down Image Name	Comment
Command Buttons	200 x 90-	SculpturedButton1024.gif	SculpturedPressedButton1024.gif	These buttons are displayed in the 806, 6 grid of the Sculptured POS UI matrix. By default this grid is designed to fit eight buttons. If you are using rounded buttons then it is advisable to use a transparent gif.
Numeric Pad Buttons	100 x 80	SculpturedPadButton1024.gif	SculpturedPressedPadButton1024.gif	These buttons are displayed in the 412, 450 grid of the Sculptured POS UI matrix.
Numeric Button: Zero	200 x 80	SculpturedDoublePadButton1024.gif	SculpturedDoublePressedPadButton1024.gif	
Numeric Buttons: Clear and Enter	100 x 160	SculpturedVerticalDoublePadButton1024.gif	SculpturedVerticalDoublePressedPadButton1024.gif	
Keyboard Buttons: Letters, Numbers & Functions	100 x 80	SculpturedKeyboardButton1024.gif	SculpturedPressedKeyboardButton1024.gif	The Sculptured POS UI has the option to switch to an on-screen keyboard for use on touch screens and when no physical keyboard is available. This is done by selecting the Keyboard toggle button.
Keyboard Button: Space	200 x 80	SculpturedDoubleKeyboardButton1024.gif	SculpturedDoublePressedKeyboardButton1024.gif	
Keyboard Button: Enter	100 x 160	SculpturedVerticalDoubleKeyboardButton1024.gif	SculpturedVerticalDoublePressedKeyboardButton1024.gif	

3.1.3 Font Colours on POS Buttons

It is possible to configure the colour of the text on the command buttons, numeric keypad buttons, alphanumeric keyboard buttons and prompt box text colour on the POS. To change the colour of text for these components, insert the following lines in the `com.retailJava.javaPOS.properties` file:

```
POS.CommandButtons.FontColour=nnnn
```

POS.NumericPad.FontColour=nnnn

POS.AlphaKeyboard.FontColour=nnnn

POS.Prompt.FontColour=nnnn

Where nnnn represents the colour expressed as a negative RGB single decimal value.

The formula for conversion from the three decimal or hexadecimal numbers used for RGB notation is as follows:

$D = R \times 256^2 + G \times 256 + B$, where R is the decimal value for red, G for green and B for blue.

For example, the RGB hex value 8ECFB2 can be written as (142, 207, 178) with the result $D = (142 \times 256^2 + 207 \times 256 + 178 = 9359282) \times -1$.

3.1.4 Hot Swap Button

The hot swap button is configured by default to appear at the top left of the POS screen. This button's effect is to switch to the back office. The button is configured by selecting Data Maintenance > POS Support > Terminal Profiles > Hot Menu ID (Thin Client type). If there is no selection, no hot key appears. If a back office menu is selected, the hot swap will switch from the POS to the back office displaying the back office menu selected.

3.1.5 Product/Company Logo

The file contents of the RJSmallLogo1024.gif can be replaced with a new image if required.

4.0 Configurable POS Screens

Form definitions are defined in sets. A single set of form definitions is allocated to a location. Configurable POS transaction screens are one type of form definition which could be included in a set. Another type of form definition is a table layout which would be included in the same set for a hospitality operation.

Configurable POS transaction screens are based on the following default layouts:

- Standard
- Sculptured

A default layout comprises an arrangement of POS screen components. Each POS screen component is associated with a POS function, for example, displaying a list.

4.1 Standard

The standard POS screen layout defaults to 1024 x 768 pixels but may be altered to reflect the aspect ratio of your intended display device. The coordinates and dimensions of the standard POS layout screen components listed in the following table are based on the default 1024 x 768 POS screen size.

Element	Component Name	Default X, Y coordinates	Default Width, Height	Font Name Size and Style	Additional Attributes (set from the Layout Editor)
Standard POS Screen			1024 x 768		
FormPanelField	FullScreenDialogPanel	4, 40	1013 x 604		Foreground, Background, Image URL

Element	Component Name	Default X, Y coordinates	Default Width, Height	Font Name Size and Style	Additional Attributes (set from the Layout Editor)
FormField	NumericPad	4, 40	215 x 330	Dialog, 20, 0	Label, Value, Length (0), Error, Editable, Required, URL, Foreground, Background, Image URL
FormTextAreaField	TextDisplay	225, 40	793 x 400	Dialog, 24, 0	Label, Value, Length (0), Error, Editable, Required, URL, Foreground, Background, Image URL
FormListField	ItemList	225, 40	793, 400	Dialog, 20, 0	Label, Value, Length (0), Error, Editable, Required, URL, Foreground, Background, Image URL
FormListField	SelectionList	225, 40	793, 400	Dialog, 20, 0	Label, Value, Length, Error, Editable, Required, URL, Foreground, Background, Image URL
FormPanelField	DialogPanel	225, 40	793, 400		Foreground, Background, Image URL
FormPanelField	ImagePanel	4, 40	215 x 330		Foreground, Background, Image UR
FormButton	KeyboardToggle	8, 375	60 x 50		Label, Value, Length (0), URL Foreground, Background, Image URL, Pressed Image URL
FormPanelField	SmallImagePanel	120, 375	100 x 64		Foreground, Background, Image UR
FormField	TextBox	5, 443	330 x 51	Dialog, 40, 0	Label, Value, Length (0), Error, Editable, Required, URL, Foreground, Background, Image URL
FormLabelField	TotalLabel	681, 460	323 x 80	Dialog, 40, 0	Label, Value, Length (0), Error, Editable, Required, URL, Foreground, Background, Image URL

Element	Component Name	Default X, Y coordinates	Default Width, Height	Font Name Size and Style	Additional Attributes (set from the Layout Editor)
FormField	AlphaKeyboard	0, 468	1004 x 165	Dialog, 20, 0	Label, Value, Length (0), Error, Editable, Required, URL, Foreground, Background, Image URL
FormField	Prompt	5, 510	505 x 134	Dialog, 24, 0	Label, Value, Length (0), Error, Editable, Required, URL, Foreground, Background, Image URL, Pressed Image URL
FormButton	CommandButton1	1, 655	128 x 84	Dialog, 16, 0	Label, Value, Length (0), Error, URL, Foreground, Background, Image URL
FormButton	CommandButton2	129, 655	128 x 84	Dialog, 16, 0	Label, Value, Length (0), Error, URL, Foreground, Background, Image URL
FormButton	CommandButton3	258, 655	128 x 84	Dialog, 16, 0	Label, Value, Length (0), Error, URL, Foreground, Background, Image URL
FormButton	CommandButton4	386, 655	128 x 84	Dialog, 16, 0	Label, Value, Length (0), Error, URL, Foreground, Background, Image URL
FormButton	CommandButton5	514, 655	128 x 84	Dialog, 16, 0	Label, Value, Length (0), Error, URL, Foreground, Background, Image URL
FormButton	CommandButton6	643, 655	128 x 84	Dialog, 16, 0	Label, Value, Length (0), Error, URL, Foreground, Background, Image URL
FormButton	CommandButton7	770, 655	128 x 84	Dialog, 16, 0	Label, Value, Length (0), Error, URL, Foreground, Background, Image URL

Element	Component Name	Default X, Y coordinates	Default Width, Height	Font Name Size and Style	Additional Attributes (set from the Layout Editor)
FormButton	CommandButton8	898, 655	128 x 84	Dialog, 16, 0	Label, Value, Length (0), Error, URL, Foreground, Background, Image URL

Note, some components overlay one another.

4.1.1 Creating a Standard Layout Configurable POS Screen

To create a Configurable POS screen based on the standard layout, go to Data Maintenance > Workflow > Form Definition Maintenance > POS Screen > New > Default Layout Standard. From here you can define the screen size and the presence, position and size of screen components. You can also add command buttons and set additional attributes for screen components.

The layout editor for the standard POS screen is shown below.

Form Definition Maintenance

You are editing form definition PS1 for definition set DEFAULT.

The screenshot displays the 'Form Definition Maintenance' interface. At the top, it states 'You are editing form definition PS1 for definition set DEFAULT.' The main workspace shows a layout of components: an 'ImagePanel' and 'DialogPanel' at the top; a 'Keyt' component and a 'SmallImage' component below them; a 'TextBox' containing 'AlphaKeyboard' and a 'Prompt' label; a 'TotalLabel' component on the right; and a row of eight 'CommandButton' components at the bottom. A 'Field Properties' panel on the right is open for the 'TotalLabel' component, showing the following settings:

Field Properties	
Name	TotalLabel
Label	
Value	
Length	0
Error	
Editable	<input checked="" type="checkbox"/>
Required	<input type="checkbox"/>
Url	
X	681
Y	460
Width	323
Height	80
FontName	Dialog
FontSize	40
FontStyle	Plain
Foreground	
Background	
Image Url	

See "POS Screen Components" on page 4.

4.2 Creating a Sculptured Layout Configurable POS Screen

To create a Configurable POS screen based on the sculptured layout, go to Data Maintenance > Workflow > Form Definition Maintenance > POS Screen > New > Default Layout Sculptured. From here you can define the screen size and the presence, position and size of screen components. You can also add command buttons and set additional attributes for screen components.

The layout editor for the sculptured POS screen is shown below.

Form Definition Maintenance

You are editing form definition MyConfigurableSculpPOSScreen for definition set DEFAULT.

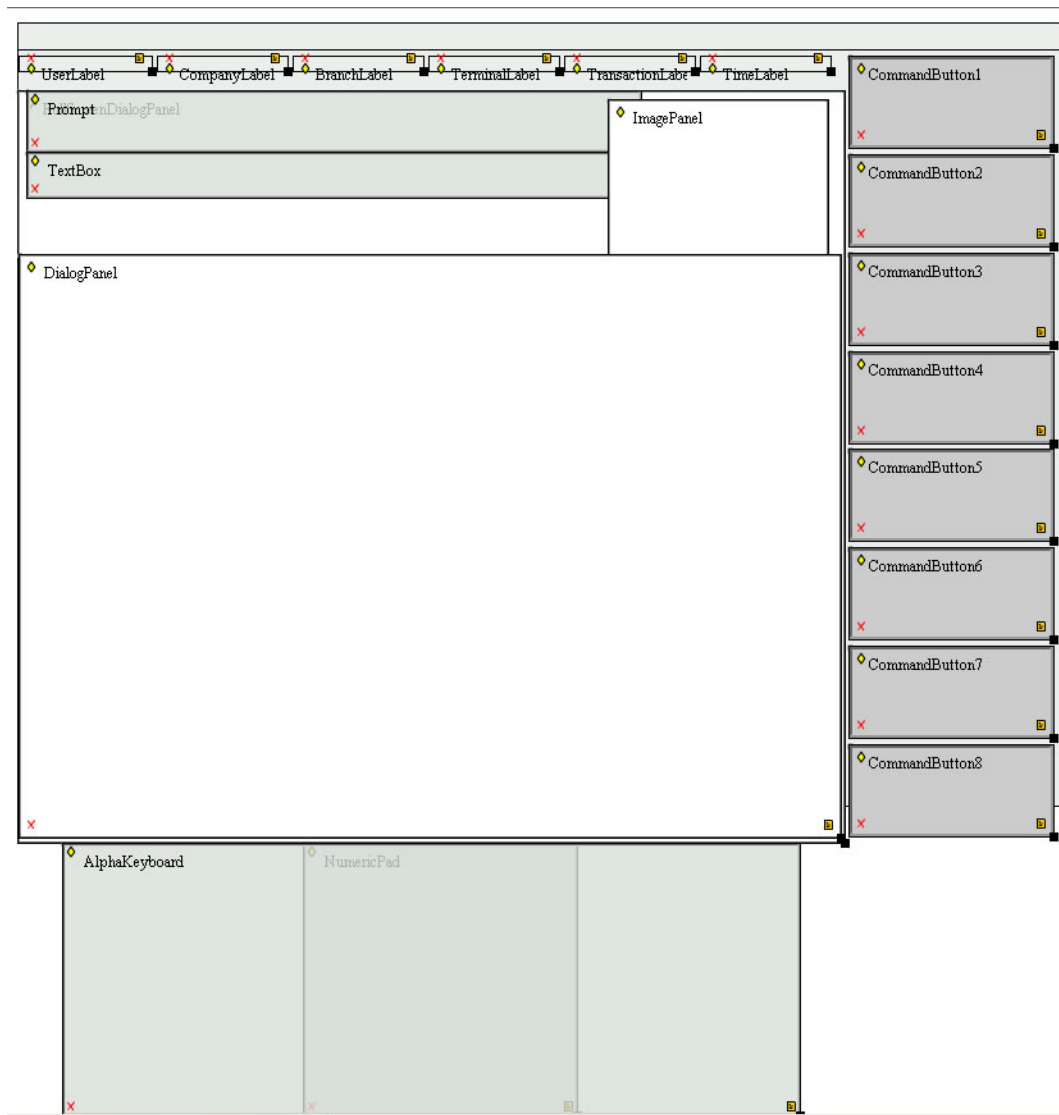
The screenshot displays the 'Form Definition Maintenance' interface for editing a POS screen layout. The main workspace shows a sculptured layout with components including: **Header Labels** (BarcodeLabel, TerminalLabel, TransactionLabel, UserLabel, TimeLabel), **ImagePanel**, **SmallImage1**, **TextBox AlphaKeyboard**, **Prompt**, **Key**, **NumericPad**, **TotalLabel**, and **CommandButton1** through **CommandButton8**. A **Field Properties** panel on the right is open, showing settings for a selected **TextBox** component. The properties include: Name (TextBox), Label, Value, Length (0), Error, Editable (checked), Required (unchecked), Url, X (5), Y (450), Width (330), Height (51), FontName (Dialog), FontSize (40), FontStyle (Plain), Foreground, Background, and Image Url. A toolbar at the bottom left contains navigation icons.

See "POS Screen Components" on page 4.

5.0 Configurable Servlet POS Screen

To create a Configurable Servlet POS screen based on the servlet layout, go to Data Maintenance > Workflow > Form Definition Maintenance > Servlet POS Screen > New > Default Layout Servlet. From here you can define the screen size and the presence, position and size of screen components. You can also add command buttons and set additional attributes for screen components.

The layout editor for the Servlet POS screen is shown below.



See "POS Screen Components" on page 4.

6.0 Configurable Restaurant POS Screen

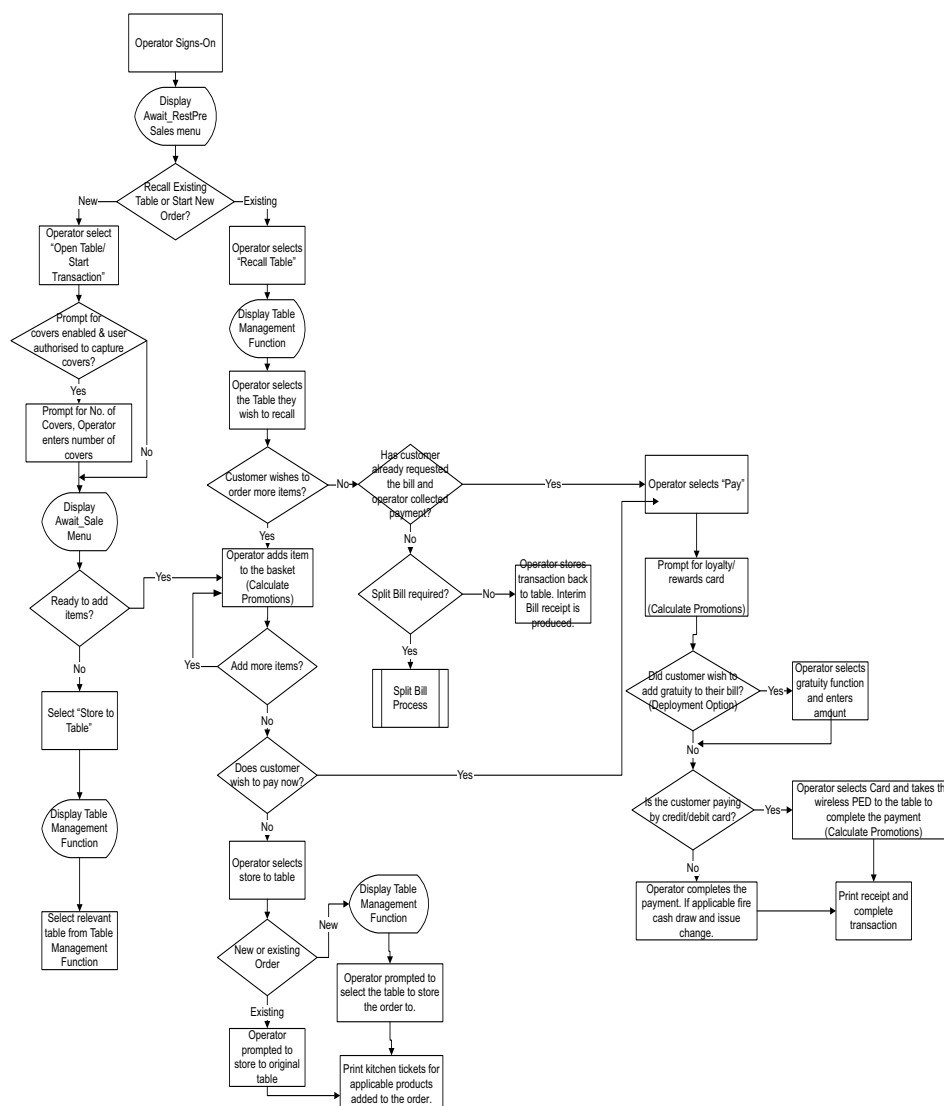
Restaurants combine a particular style of POS screen with a Table Layout form included as a dialog panel field overlaying the POS screen.

Restaurant POS screens use a hierarchy of command buttons for products rather than scanned or manually input product codes. For example, at the sales menu top level there might be Breakfast, Lunch, Snacks, Beverages. Clicking on Breakfast might offer a further set of command buttons, say, 6 item breakfast, Big Breakfast, Danish Pastries, Sausage Roll, Cereal, Yoghurt and so on. See “Command Buttons and Menu Sets” on page 4.

Once selected from a command button, the Table Management form panel will overlay as much of the POS screen as has been specified in the fixed restaurant POS layout or has been configured in the configurable POS screen with a restaurant default layout.

6.1 Hospitality Workflow

Typically, a POS restaurant screen would be used to implement a hospitality workflow similar to the one shown below.



6.2 Create a Table Layout











The Table Layout form is defined from Data Maintenance > Workflow > Form Definitions.

Form Definition Maintenance

Form Definition Maintenance will allow you to view, edit, remove and create the definitions of forms used by various applications within the system.

Select Definition Set	DEFAULT
Select Type	Table Layout
Select Location Type	Store
Select Location	<input type="text"/> UK Store

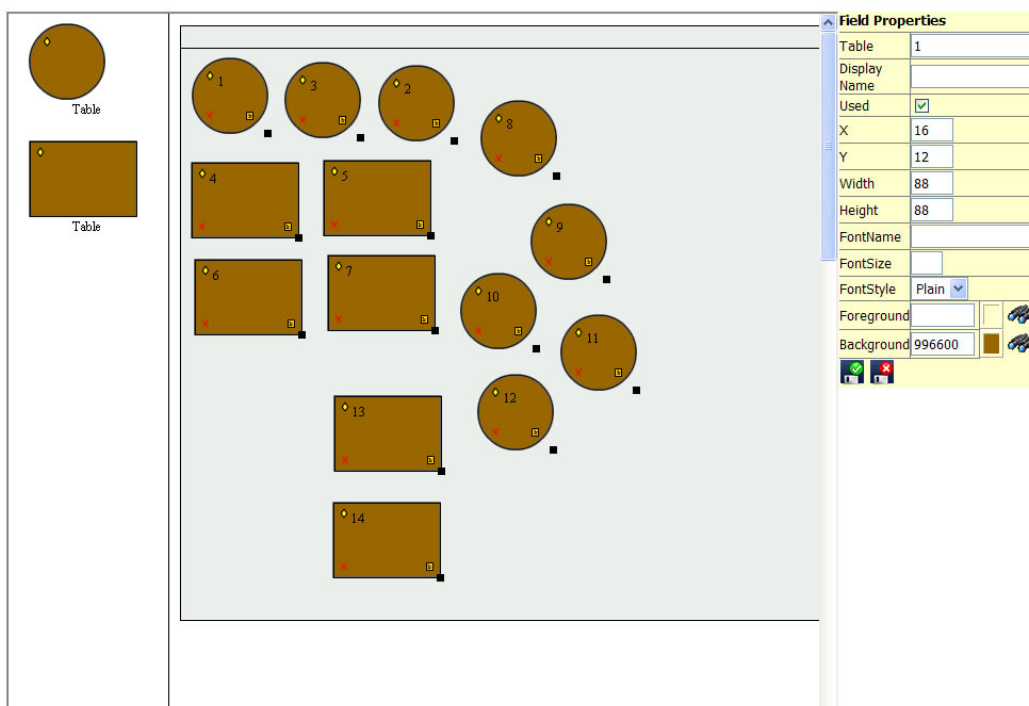
All existing form definitions that match the search criteria are listed below.

Options	ID	Description	Type	Location Type	Location	Transaction Type
   	MyBistroTableLayout	MyBistroTableLayout	Table Layout	Store	UK Store	-
   	FenFrank8	MyRestaurantTableLayout	Table Layout	Store	UK Store	-
						
Copy Definition Set 						

From here, you select the form definition set, the type of form definition, in this case Table Layout, and the applicable location. You can add a new table layout, copy an existing table layout or modify a table layout.

The table layout definition is created in the layout editor using drag and drop and the specification, or modification, of default properties for each table.

You are editing form definition MyBistroTableLayout for definition set DEFAULT.



The screenshot shows the Table Layout Editor interface. On the left, there are two table icons labeled 'Table'. The main workspace displays a grid of tables numbered 1 through 14. On the right, the 'Field Properties' panel is open, showing settings for a selected table. The properties include:

- Table: 1
- Display Name:
- Used: ☒
- X: 16
- Y: 12
- Width: 88
- Height: 88
- FontName:
- FontSize:
- FontStyle: Plain
- Foreground:
- Background: 996600

6.3 Add Table Status Colours

Add the following properties to `com.retailJava.javaPOS.properties` to enable table status colours to be displayed at the POS.

- `POS.TableStatus.colour.available=009900`
- `POS.TableStatus.colour.occupied=0000FF`
- `POS.TableStatus.colour.paid=996666`
- `POS.TableStatus.colour.reserved=FF0000`
- `POS.TableStatus.colour.unavailable=FFFFAA`

Where 009900 is Green, 0000FF is Blue, 996666 is Grey, FF0000 is Red and FFFFFA is Yellow.

6.4 Create a Configurable Restaurant POS Screen











The POS screen is defined from Data Maintenance > Workflow > Form Definitions.

Form Definition Maintenance

Form Definition Maintenance will allow you to view, edit, remove and create the definitions of forms used by various applications within the system.

Select Definition Set	DEFAULT
Select Type	POS Screen
Select Location Type	Store
Select Location	UK Store

All existing form definitions that match the search criteria are listed below.



Options	ID	Description	Type	Location Type	Location	Transaction Type
   	MyBistroDefaultLayoutRestauran	MyBistroDefaultLayoutRestaurant	POS Screen	Store	UK Store	-
   	MyBistroPOSscreen	MyBistroPOSscreen	POS Screen	Store	UK Store	-
						
Copy Definition Set 						

From here, you select the form definition set, the type of form definition, in this case POS Screen, and the applicable location. You can add a new POS screen, copy an existing POS screen or modify a POS screen.

To add a new restaurant POS screen definition, click on the Add icon.

Form Definition Maintenance

Please enter a unique ID for the new form definition and click Next.

New ID	Type	Default Layout	Width	Height
MyRestaurantPOSscreen	POS Screen	Restaurant	1024	768
 				

Create an ID; choose POS Screen Type, the Restaurant Default Layout and a size to suit your chosen device then click on the Next icon.

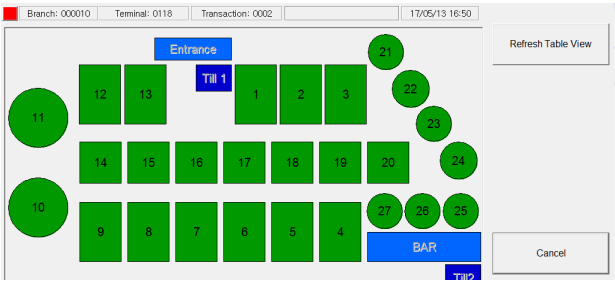
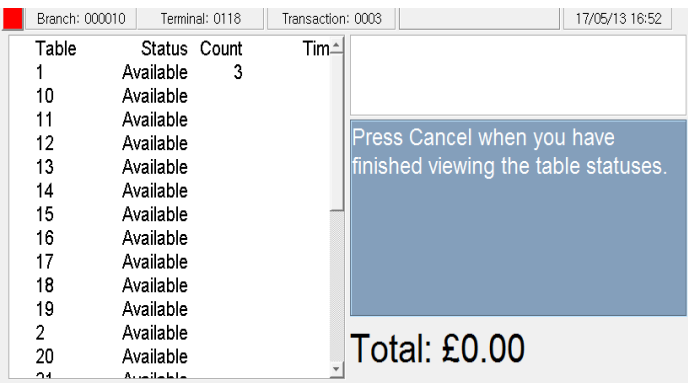
You can use the layout editor to make any format or field properties changes required.

The screenshot displays the Micros POS configuration interface. On the left, a grid of 10x6 cells is shown, each containing a 'CommandB' icon and a small red 'x' in the bottom right corner. To the right of the grid, a 'Field Properties' panel is visible, showing settings for 'CommandButton1'. The panel includes fields for Name, Label, Value, Length (0), Url, X (3), Y (40), Width (100), Height (70), FontName (Dialog), FontSize (16), FontStyle (Plain), Foreground, Background, Image Url, and Pressed Image URL. The 'Pressed Image URL' field has a small icon next to it.

6.5 Terminal Profile POS Screen and Table Layout Configuration

The configuration settings under Data Maintenance > POS Support > Terminal Profiles are detailed in the following table.

Section	Setting	Description
Field	Menu Set ID	Choose a menu set from the drop down list. Note, you also need to select a Form Definition Set from Data Maintenance > Company Structure > Location Profiles
	Hot Key Menu ID (Thin Client type)	Select from the drop down list of menu IDs.
	UI Style ID	Select Advanced Configurable (Full Screen) from the drop down list
	UI Format ID	Select from the drop down list. UI formats are maintained in Data Maintenance > POS Support > Receipt Formats
POS Screen	POS Screen ID	Select from the drop down list (also available in Data Maintenance > POS Support > Terminals).
	Edit POS Screen	Displays the format editor for the POS screen ID specified above (also available in Data Maintenance > POS Support > Terminals).
Table Layout	Set Table to Available on Tender	When the Set Table to Available on Tender flag is set to true, when the operator completes the transaction using any tender then that table's status is changed to available (green). If the box is not ticked, on completion of the transaction using any tender the table's status is changed to paid (grey).
	Elapsed Time Before Table Inactivity Warning (Minutes)	When a table is inactive for the specified time, the table button starts to flash. Default is 0 (that is no warning is given).

Section	Setting	Description
	Display Tables as POS Buttons (ticked)	
	Display Tables as POS Buttons (not ticked)	
	Display Table Status	Green = Available Blue = Occupied Grey = Paid Red = Reserved Yellow = Unavailable
	Table Layout	Select from the drop down list (also available in Data Maintenance > POS Support > Terminals).
	Prompt for customer count	When Prompt for customer count flag is set to true, the POS prompts to enter the number of covers.
	Edit Table Layout	Displays the format editor for the table layout ID specified above (also available in Data Maintenance > POS Support > Terminals).
Edit Data Sources	Table Status Server URL	Optionally, add the URL to be polled for server status.
Kitchen Printer	Connection Type	Select from the drop down list.