

How-To Guide Restaurant Kitchen Display

Document Type: External

Document Version: 1.4

Date: 1/10/2024

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Introduction

The purpose of this guide is to provide the necessary configuration needed to enable a Kitchen Display, as well as to demonstrate its functionality.

Overview

This guide will cover the configuration for the following:

- Kitchen Display Device
- Kitchen Display Printer
- Product Preparation Peripheral Mapping

Configuring Product Preparation Types is covered in the **How to configure Hospitality Products** guide. These must be configured before setting up a Kitchen Display.

Prior Training / Experience

You should be familiar with the following:

- Estate Manager Configuration
- Data Broadcasting

Kitchen Display

Kitchen Displays are used to ease the food preparation process in the kitchens. The configuration of a Kitchen Display involves a device of type Kitchen Display, as well as a printer that contains the IP address of the application and other relevant information.

Creating a Kitchen Display Device

The Device Maintenance application can be accessed through:

Administration > Devices > Devices



Device Maintenance

Region: -
Location: -
Type: -
Device ID: Starts With:
Not In Use: -

Apply Filters Reset Filters

	Location	Type	Device ID	Name	Not In Use
	My Restaurant	Back Office	BO@REST1.enactor	Back Office @ REST1	<input type="checkbox"/>
	Estate Manager	Estate Manager	estateManager.enactor	Estate Manager	<input type="checkbox"/>
	My Restaurant	Kitchen Display	KDS1@REST1.enactor	KDS1 @ REST1 enactor	<input type="checkbox"/>
	My Restaurant	Thin Client POS	MOB01@REST1.enactor	Mobile 1 @ REST1 enactor	<input type="checkbox"/>

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+ Create a new Device

Select **Create a new Device**.

Enter a unique **Device ID**, this can be alphanumeric with a maximum of 20 characters.

Device Maintenance

You are adding a new device, please enter the ID of the new device:



Device ID

← Back + Create

Select **Create**.

Enter a **Name** for this device and select the **Type** as **Kitchen Display**.

Device Maintenance

 Save  Cancel

You are editing Device ID: 'KDS1@REST1.enactor'

General | Data Source | Registration

Name*

Host Name*

Http Port*

RMI Port*

Type*

Location

Not In Use

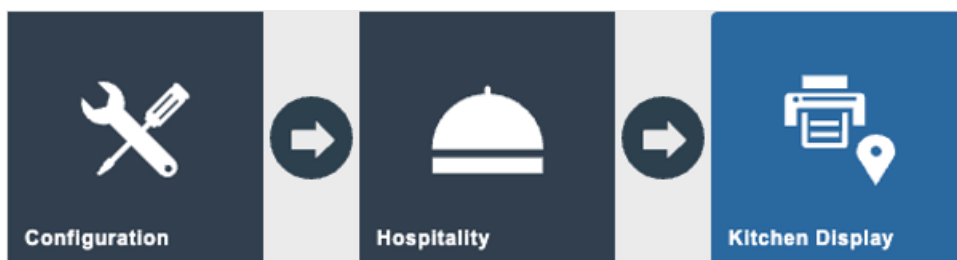
Notes

* Denotes Mandatory

Select **Save**.

Creating a Kitchen Display Printer

The Kitchen Display Maintenance application can be accessed through:
Configuration > Hospitality > Kitchen Display



Kitchen Display Maintenance ? || X

Location Hide

Location Id	Peripheral Id	Name
-	-	-

Page Size

Select **Create new Kitchen Display**.

Kitchen Display Maintenance

Please enter the following details for the new Kitchen Display

Location

Peripheral Id

Set the **Location**, provide a **Peripheral Id**, then press **Create**.

Kitchen Display Maintenance ? || X

You are editing Kitchen Display : 'KDS1@REST1.enactor' for Location 'REST1'

General

Name

Device ID

Display Address

Is Kitchen Display Controller

Layout Style

Set the appropriate values as follows:

Configuration	Description
Name	Provide a descriptive name.
Device ID	Select the kitchen display device previously configured.

Display Address	Enter the IP address or hostname where the Kitchen Display application is installed.
Is Kitchen Display Controller	(Optional) Enable this flag to mark it as a kitchen display controller which enables the settings tab within the Kitchen Display application.
Layout Style	Select the preferred layout to display kitchen orders. The available options are: <ul style="list-style-type: none">• Grid• Flow• Custom

Press **Save** to complete.

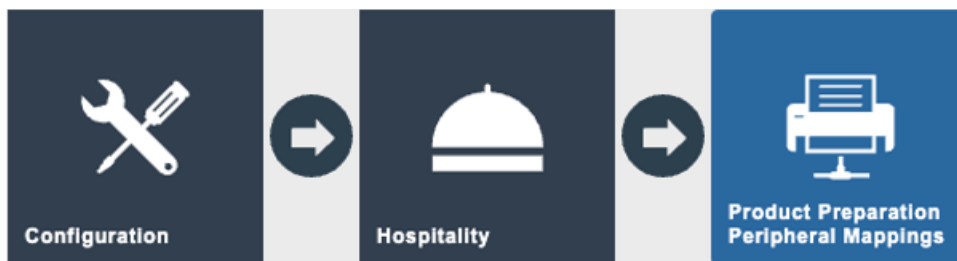
Product Preparation Peripheral Mapping

Product Preparation Peripheral Mappings determine how orders are printed based on products' preparation type. As highlighted above, Product Preparation Types and Product Preparation Type Mappings must be configured before continuing with this step. The configuration for these entities is covered in the **How to configure Hospitality Products** guide.

Creating Product Preparation Peripheral Mappings

The Product Preparation Peripheral Mapping Maintenance application can be accessed through:

Configuration > Hospitality > Product Preparation Peripheral Mappings



Product Preparation Peripheral Mapping Maintenance

Location: My Restaurant Name Is Long
Product Preparation Type: -

Apply Filters Reset Filters

Location ID	Product Preparation Type ID
REST1	BAR
REST1	COFFEES
REST1	DESSERTS
REST1	KITCHEN_DISPLAY
REST1	MAINS
REST1	PASS
DECT1	CTADTDCD

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[+ Create a new Product Preparation Peripheral Mapping](#)

To create a new Product Preparation Peripheral Mapping, select **Create a new Product Preparation Peripheral Mapping**.

Product Preparation Peripheral Mapping Maintenance

Please enter the following details for the new Product Preparation Peripheral Mapping

Location: The Enactor Restaurant
Product Preparation Type: Kitchen Display

[← Back](#) [+ Create](#)

Select a Restaurant Location, from the **Location** drop-down.

Select the Product Preparation Type for the Kitchen Display.

Select **Create**.

General Tab

The General tab defines the peripherals that an order will be sent to when an item in the defined Product Preparation Type is ordered.

The screenshot shows a web interface titled "Product Preparation Peripheral Mapping Maintenance". At the top, there are "Save" and "Cancel" buttons. Below that, a message states: "You are editing the Peripheral Mapping for Product Preparation Type 'Kitchen Display' at Location 'The Enactor Restaurant'". The interface has two tabs: "General" (selected) and "Additional Peripheral Mappings". Under the "General" tab, there are four dropdown menus: "Primary Peripheral" (set to "KDS1@REST1.enactor"), "Secondary Peripheral" (set to "-"), "Tertiary Peripheral" (set to "-"), and "Kitchen Receipt Template" (set to "-").

Set the appropriate values on the **General** tab as follows:

Configuration	Description
Primary Peripheral	Select the Primary Peripheral from the drop-down list. This determines the first printer the order will be printed from. If it succeeds, the remaining peripherals are ignored. If it fails, the printing is attempted on the Secondary Peripheral.
Secondary Peripheral	Select Secondary Peripheral from the drop-down list. This determines the back-up printer the order will be printed from if the Primary Peripheral is unavailable.
Tertiary Peripheral	Select Tertiary Peripheral from the drop-down list. This determines the back-up printer the order will be printed from if the Primary and Secondary Peripherals are unavailable.
Kitchen Receipt Template	Select Kitchen Receipt Template from the drop-down list. Receipt Templates can be created in the Receipt Maintenance, and this will determine the Receipt Template to be printed/displayed for this particular preparation type.

Additional Peripheral Mappings Tab

Product Preparation Peripheral Mapping Maintenance

Save Cancel

You are editing the Peripheral Mapping for Product Preparation Type 'Bar' at Location 'My Restaurant Name Is Long'

General Additional Peripheral Mappings

Primary Secondary Tertiary

Primary Peripherals

- -

+ Add

Additional Primary, Secondary, and Tertiary printers can be added here. The printing instructions will be sent to these printers in addition to the peripherals specified in the General tab.

If multiple printers of the same type are defined, the order will be printed / displayed on all of them.

To add additional peripheral(s), select the peripheral from the drop-down list and select **Add**.

* The default receipt printer of the POS Application will also be used as the last resort printer if no other printers are available. In this instance kitchen dockets will also be printed on the POS Application's default receipt printer.

Press Save to complete.

Broadcasting

To deliver the configuration changes, broadcast the following entities to all the devices, including all POS Terminals and Kitchen Displays.

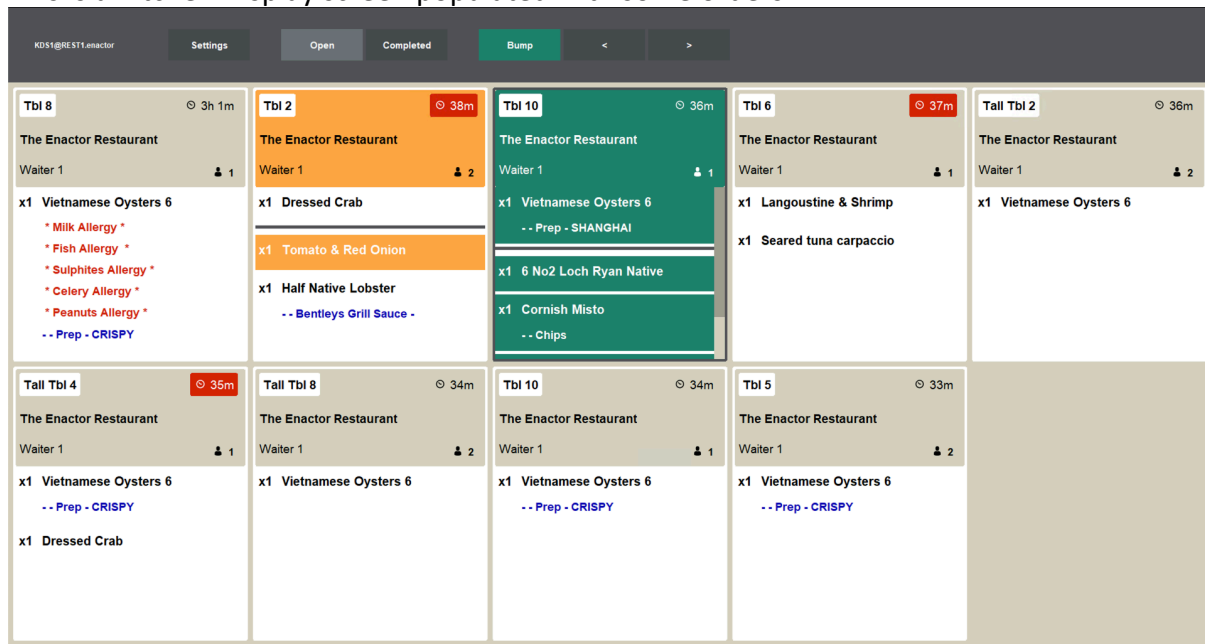
- Device
- Location Printer
- Product Preparation Peripheral Mapping

Kitchen Display Interface

This section covers the basic functionality that is available in the Kitchen Display:

- Selection of the orders received by the Kitchen Display.
- Toggle the individual items in an order as complete or incomplete.
- Move the position of the orders.
- Bump the orders from Open to Completed.
- Navigate between Open and Completed order screens.
- Recall Completed orders back to Open orders.

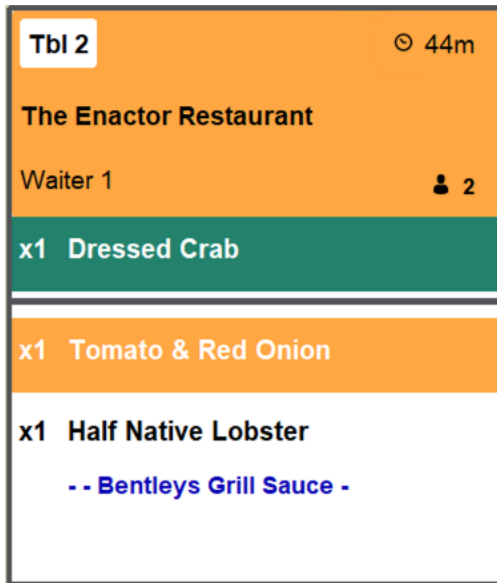
This is a Kitchen Display screen populated with some orders:



The Kitchen Display screen shows up to 10 orders per page. The functionality of the top bar buttons are as follows:

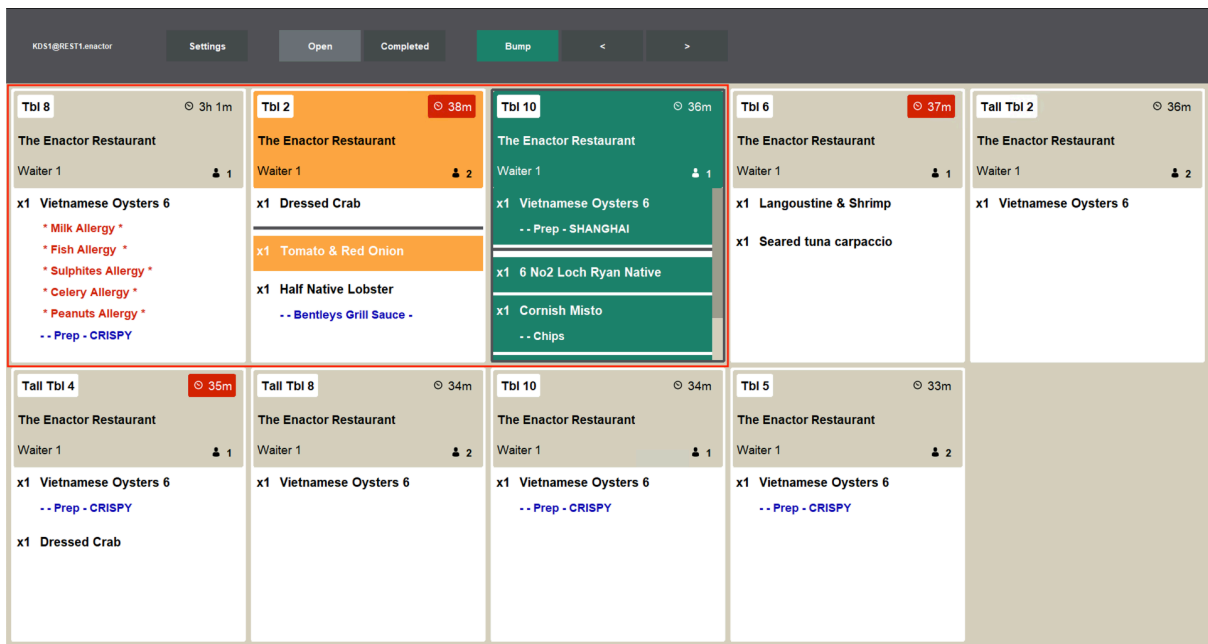
Function	Outcome
Settings	Allows to switch layout style (Grid, Flow, or Custom).
Open	Displays the available open orders for this Kitchen Display.
Completed	Displays the completed orders (that have been bumped) for this Kitchen Display.
Bump	Allows to move the selected order from Open to Completed.
<	Allows to move the selected order to the left.
>	Allows to move the selected order to the right.

The following is one of the orders that have been sent to the Kitchen Display:



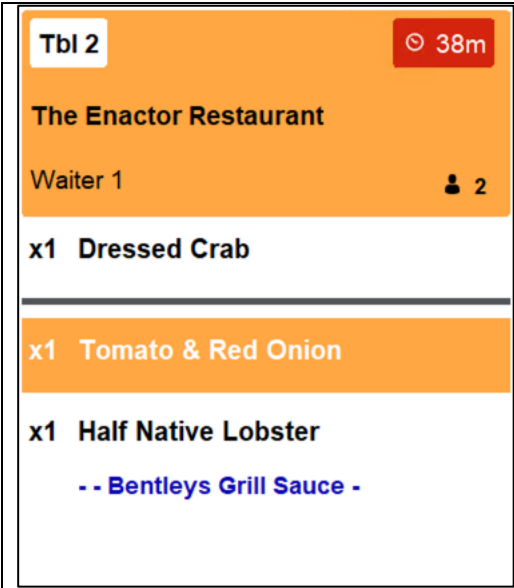
Area	Description
Tbl 2	Displays the Table where the order was placed from.
Time	Displays the time since the order was submitted.
The Enactor Restaurant	Displays the name of the Restaurant.
Waiter 1	Displays the name of the Waiter.
2	Displays the number of Diners in the Order.

The colour of the header for each order changes based on the status of the items in the order.

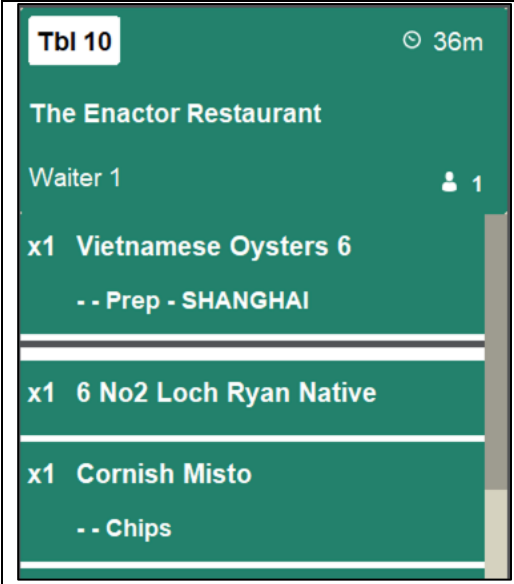


These are the 3 statuses an order can be in:

Order	Status
<div style="border: 1px solid black; padding: 10px;"> <p>Tbl 8 ⌚ 3h 1m</p> <p>The Enactor Restaurant</p> <p>Waiter 1 👤 1</p> <p>x1 Vietnamese Oysters 6</p> <ul style="list-style-type: none"> * Milk Allergy * * Fish Allergy * * Sulphites Allergy * * Celery Allergy * * Peanuts Allergy * -- Prep - CRISPY </div>	<p>This depicts an order which preparation of its products have not yet begun. The header is in its default colour.</p>



This depicts an order which the preparation of its products is in progress. Since this order has already begun, the header is highlighted in **yellow**.



This depicts an order with all its products marked as prepared. The header is highlighted in **green**.

About This Document

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The amendment history of this document can be found in the table below.

Current Document Version information

Document Version 1.4

Product Version 2.7

Document Context

This document is part of the Enactor Product Documentation Series. All Enactor products include a comprehensive documentation set designed to improve understanding of the product and facilitate ease of use.

Document Inquiries

At Enactor we aspire to producing the highest quality documentation to reflect and enhance the quality of our product. If you find that the document is inaccurate or deficient in any way, please assist us in improving our standard by letting us know.

For matters of document quality or any other inquiries regarding this document please contact:

By Email: documentation@enactor.co.uk

Document History

The following versions of the document have been produced:

VERSION	STATUS	ISSUE DATE	AUTHOR	REASON FOR ISSUE
1.0	Initial Draft	28/05/21	Thilini Sayakkara	Initial version
1.1	Update	10/11/22	Hadhi Jawahir	Added section on Kitchen Display
1.2	Update	31/05/23	Hadhi jawahir	Added selection of Receipt Template in Product Preparation Peripheral Mapping
1.3	Update	1/1/24	Shenol Silva	Updated the screen shots and the content on par with the latest version
1.4	Update	1/10/24	Lucas Andres Casas	Updated to match new EM and KDS screens.