LOGIC CONTROL KITCHEN DISPLAY SYSTEM

OPERATION

Logic Control Kitchen Display System allows sending orders from Point of Sale stations to the kitchen via a video display system. This system is designed to interface with Restaurant Manager v. 15.

SETUP

Hardware:

This unit is comprised of the following components: LM3000 Control Unit, 2 or more LS3000 in a loop configuration. These units are provided by Logic Controls. For configuring the hardware components, please refer to the manual supplied by Logic Controls or contact the company:

Contact Information for Logic Controls:

Telephone: 516-248-0400
Customer support email: support@logiccontrols.com
Web: http://www.logiccontrols.com

Hardware Configuration from Logic Controls

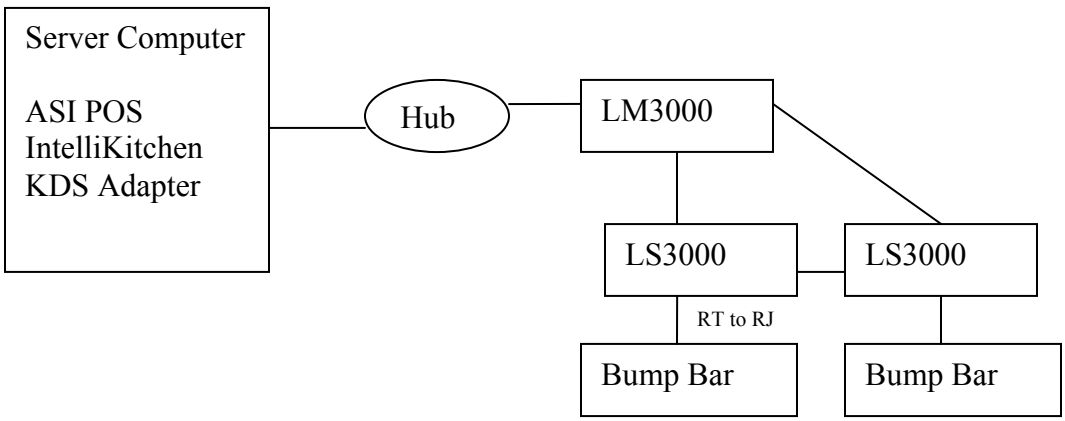

Figure 1.

Software:

Intellikitchen Version 3.91.045 developed by SIVA Corporation, supplied by Logic Controls.

ASI/IntelliKitchen KDS Adapter: How it Works.

The Logic Controls KDS adapter program catches order data from ASI *KITVIDEO.DBF* file located in RMWIN folder, then converts them into IntelliKitchen XML file order format and then sends them to IntelliKitchen order directory. The Logic Controls KDS Adapter program links ASI POS and IntelliKitchen KDS system together, which enables ASI POS to send orders to IntelliKitchen KDS system.

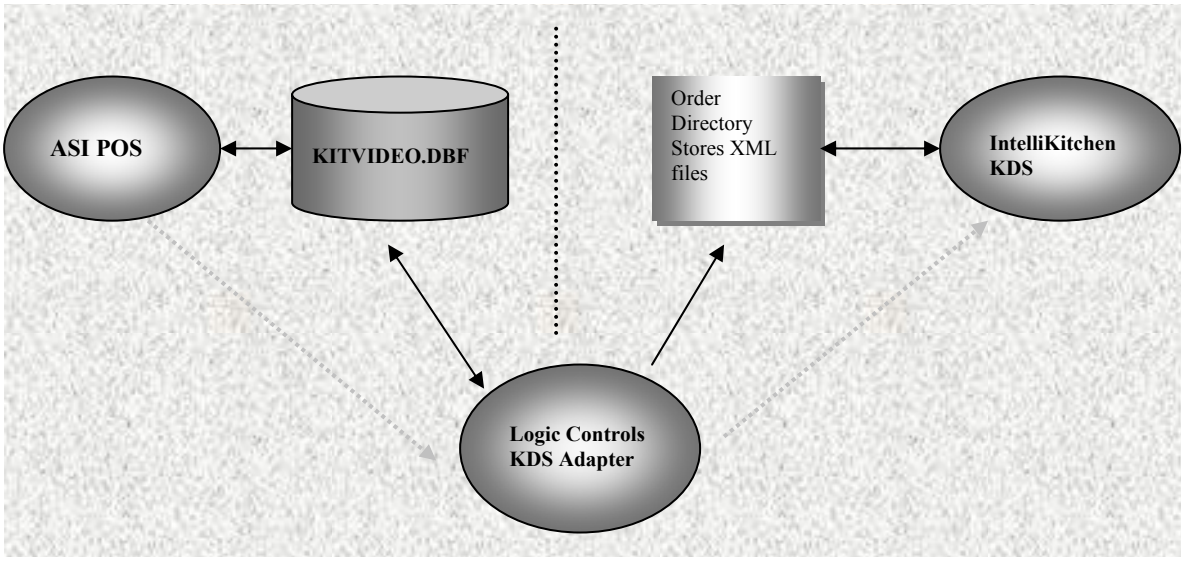

Figure 2

I. INSTALLATION

1. Install Intellikitchen V. 3.91.045 from the CD sent by Logic Controls
2. Install KDS Adapter:
    a. On the Logic Controls CD, open DAO3.5 folder
    b. Go to Disk1 folder
    c. Double click SETUP.EXE; this will install database driver for KDS Adapter program.

3. Enter the correct IP address of the LM3000 unit in "IPAddress" field in Logicnetehost.ini file C:\Windows. The IP Address will appear once a video display unit is connected to the LM3000 unit.

Things to remember:

1. Make sure to copy a shortcut of KDS Adapter .exe and StartIK.exe (Intellikitchen software) into the startup folder.
2. KDS Adapter and Intellikitchen software must be running at all times

II. How to Configure KDS Adapter

Pre requirements:

- **Install Restaurant Manager.**
- **Install IK (Intellikitchen Software).**
- **Setup ASI POS:**
    1. **Assign menu items to prep-printers**
    2. **Select prep-printers to go to Real Time KDS (see figure 3 on page 4)**
- **Setup IK to use Logic Net.**

For ASI BackOffice setting, **uncheck** "Fully delete items sent to KDS" under "Real Time Kitchen Display System Interface", this will just tell ASI POS how to send data to the dbf file and won't affect real KDS setting, to let KDS either remove deleted items from KDS or just mark them use different color on KDS, go to IK to setup this.

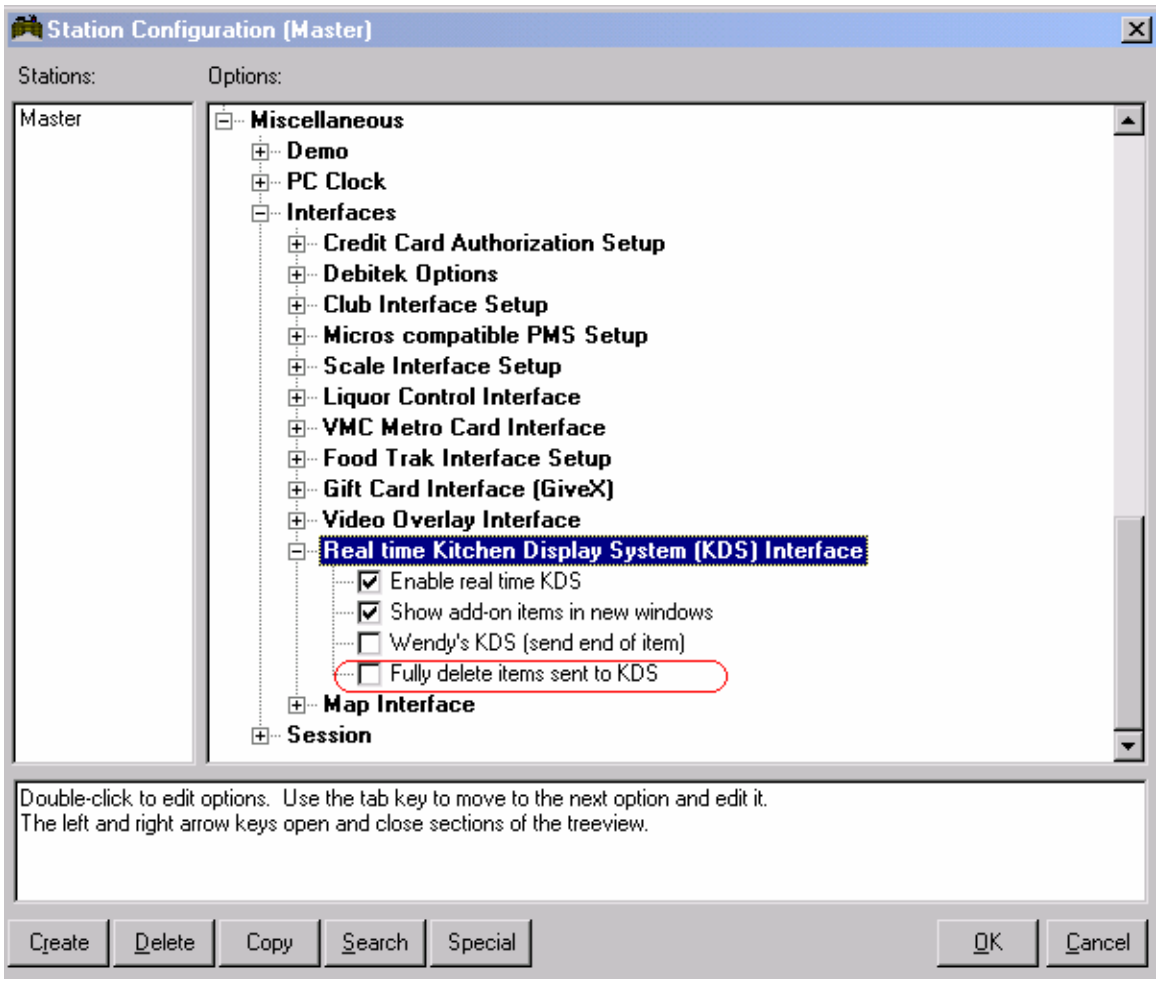

Figure 3

1. Open ASI SIVA KDS Adapter program, click File->System Setting.

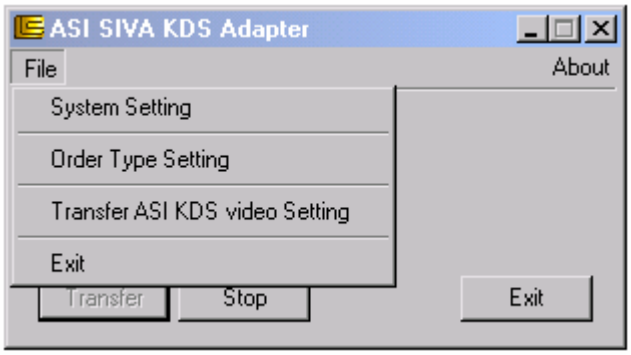

Figure 4

2. Assign ASI KITVIDEO.DBF and IntelliKitchen POSData path as shown in figure 5.

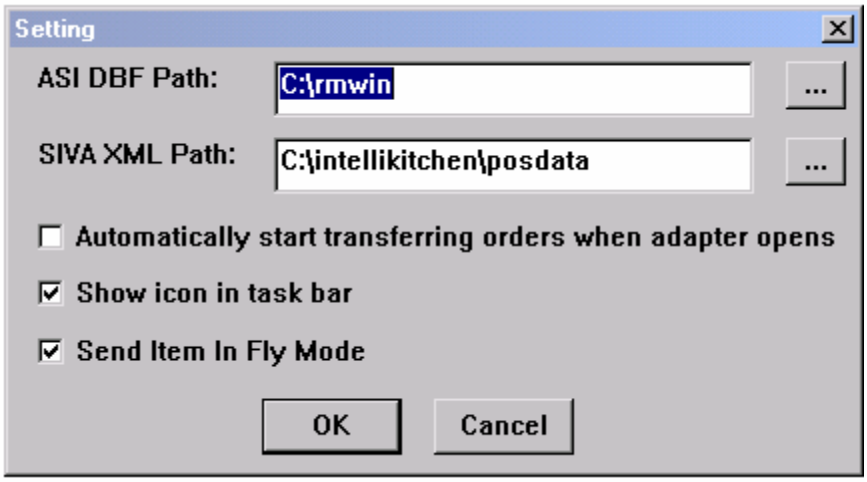

Figure 5

3. Check "Send Item in Fly Mode" to let ASI POS send every item before the order is settled. Each view for IntelliKitchen also need to be setup to "fly" mode. Please see page 15 about how to setup fly mode for each view.

4. Click "OK" to save

5. To transfer KDS video station COM port settings, click File->Transfer ASI KDS video Setting. This will transfer the setting in ASI KDSCFG.DBF file for each KDS video to IntelliKitchen logicnetehost.ini file.

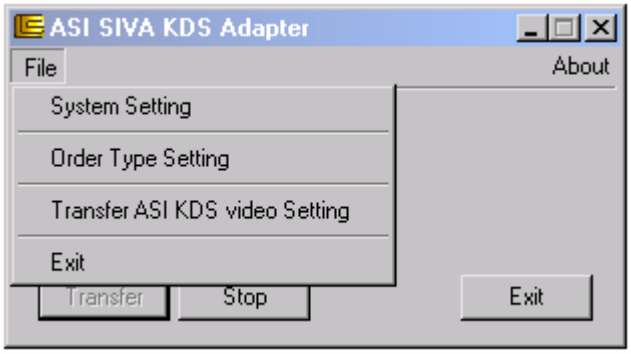

Figure 6

6. Click "Transfer" button to start translating orders. All orders from ASI POS program will be translate to IntelliKitchen XML format and sent to POSData folder. Start ASI POS and SIVA IntelliKitchen KDS.

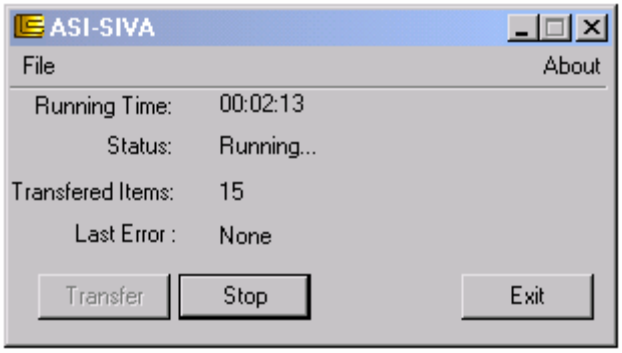

Figure 7

7. To quit from adapter program, click "Stop" to stop translating orders and then click "Exit".

How to Map ASI Items to SIVA Routing Table

I. Overview

In ASI database, all items send to prep. Printers; In SIVA database, all items or group send to views, each view is a KDS (Kitchen Display Station or Kitchen video). To map prep-printers to views, all prep-printers have to be added to SIVA database first. Afterwards each item can be sent to a pre assigned KDS.

ASI Database setting

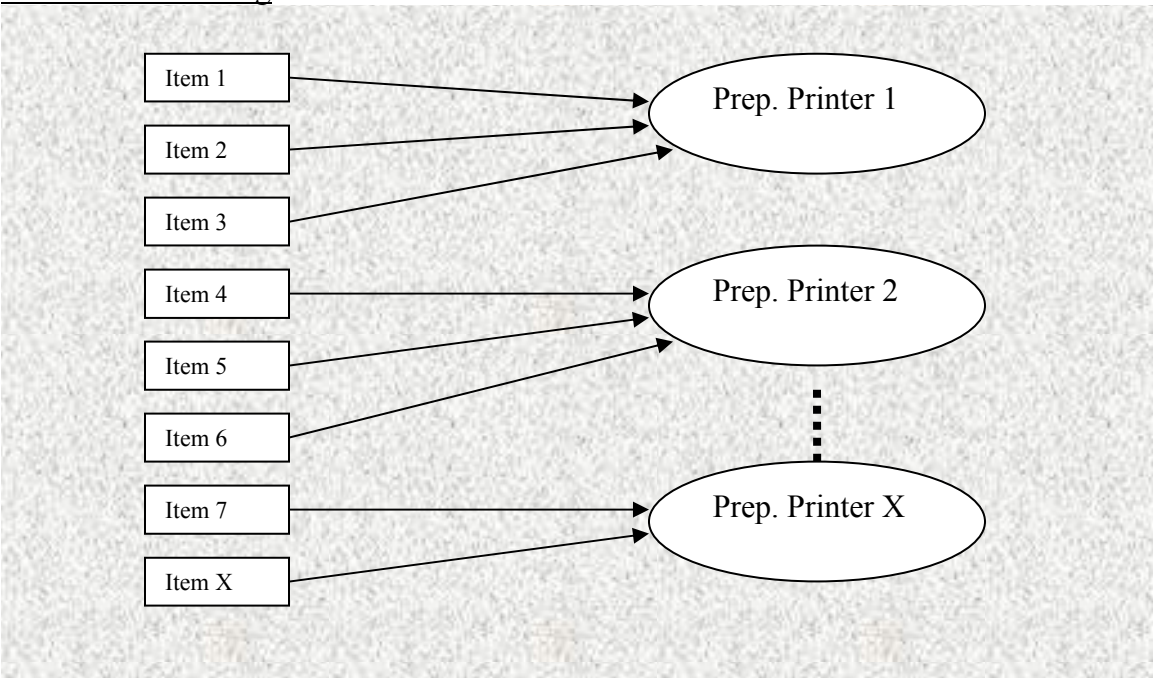

Figure 8

SIVA Database setting

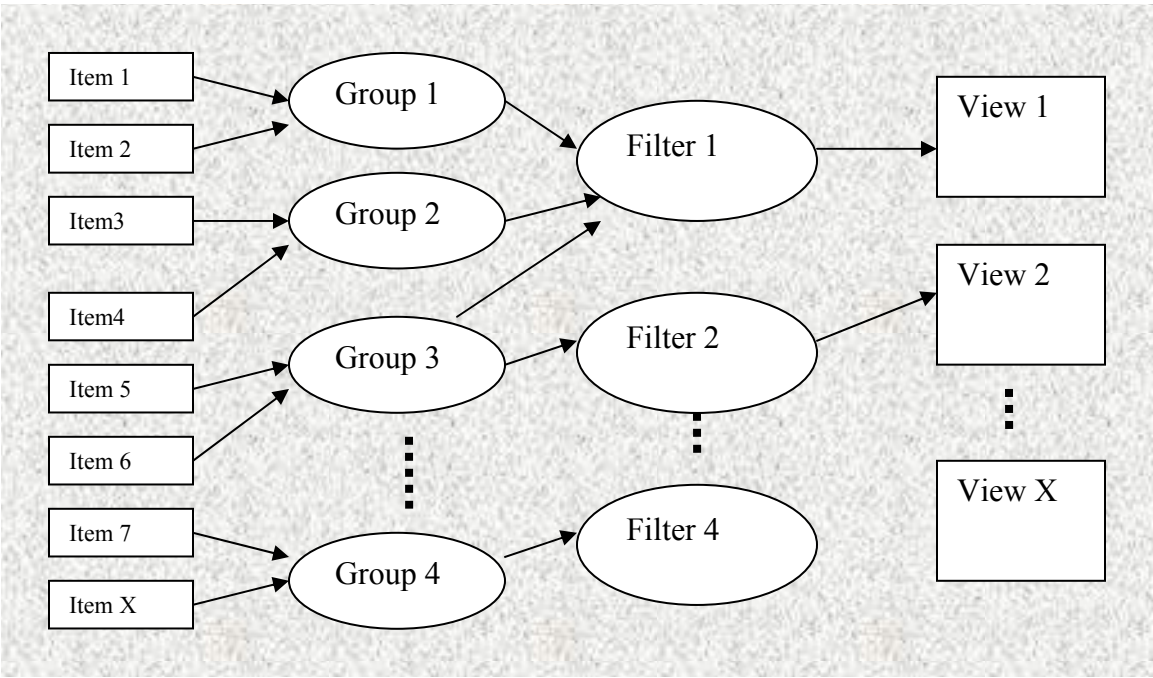

Figure 9

II. How to map views

In order to let IntelliKitchen KDS display all items assign to Prep Printer in ASI database. All prep-printers have to be assigned to views. **All items in ASI database DO NOT need to be added to SIVA database**, because IntelliKitchen checks the "Category" name in XML file. For example, if 1 item has "==== Bar Order ====" in XML file, IntelliKitchen will check which Filter this Group belongs to as well as which filter this view belongs to, and then send the item to a view.

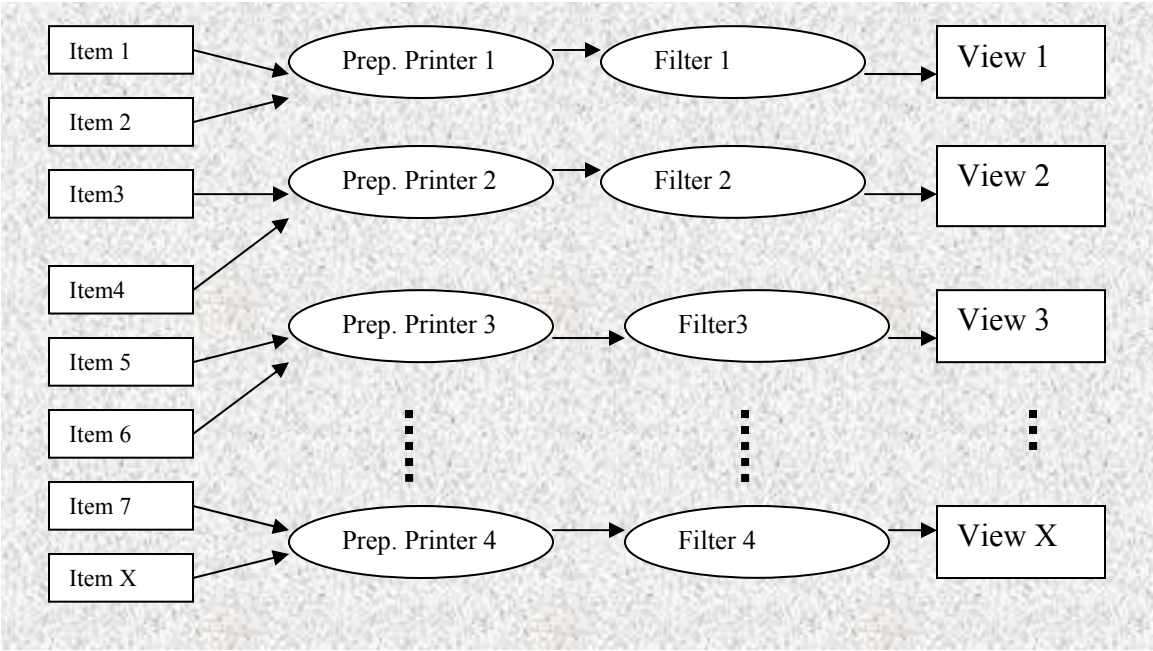

Figure 10

1. Start IntelliKitchen program, click Edit->View to edit or add view to map ASI setting, for ex, if ASI uses 3 KDS, then add 3 views.

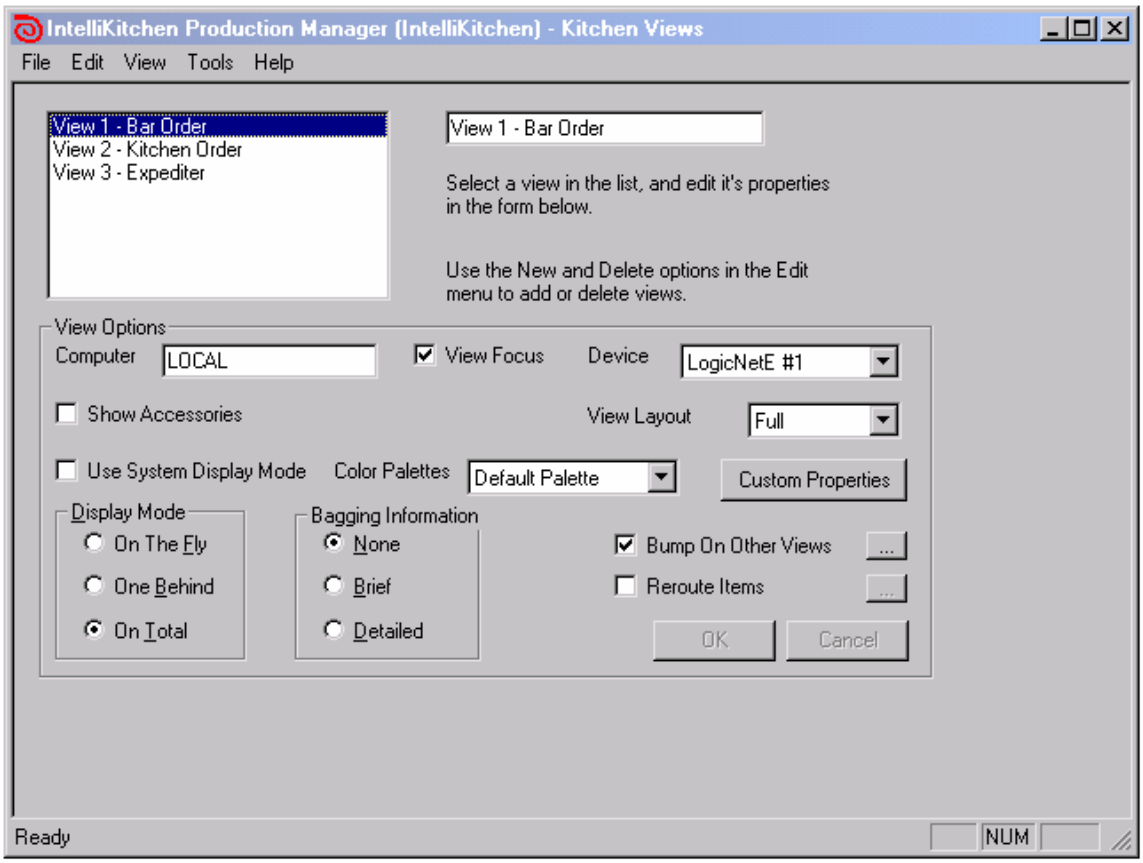

Figure 11

2. Click Edit->Items, then click Edit->New, enter new group name, for ex: "==== Kitchen Order ====". Add all prep-printer in ASI database as "Group".

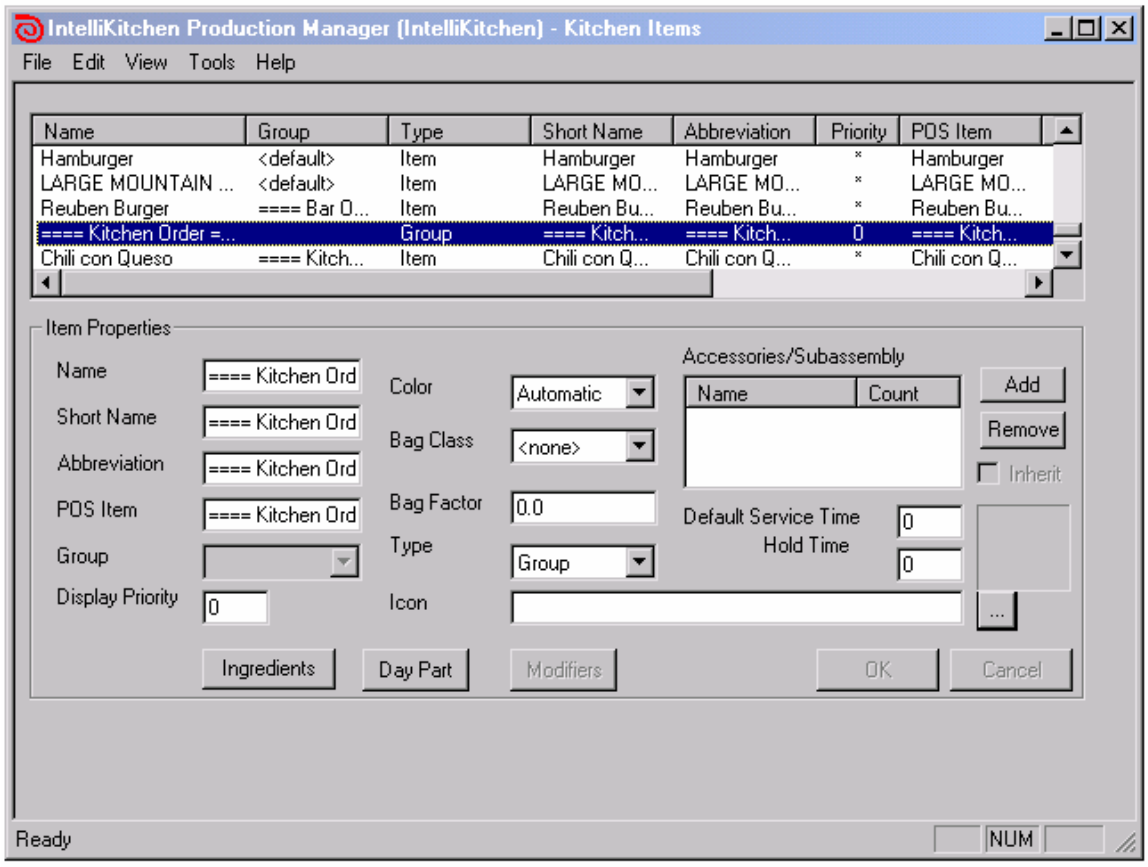

Figure 12

3. Click Item-Filters, assign groups to each filter. Make sure check "Item" box. For ex, assign "==== Bar Order ====" to filter 1 "Station 1", assign "==== Kitchen Order ====" to filter 2 "Station2"…

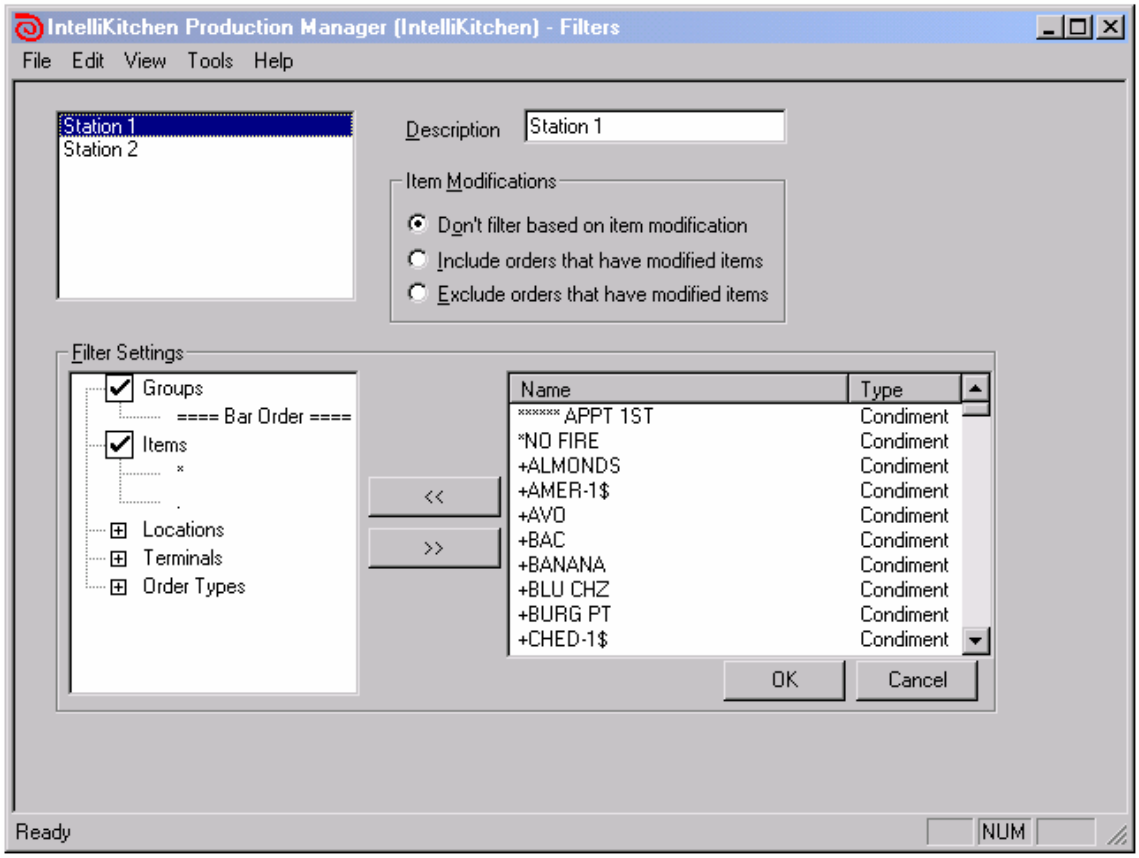
IntelliKitchen Production Manager (IntelliKitchen) - Filters
File Edit View Tools Help
Station 1
Station 2
Description
Station 1
Item Modifications
Don't filter based on item modification
Include orders that have modified items
Exclude orders that have modified items
Filter Settings
Groups
==== Bar Order ====
Items
*
.
Locations
Terminals
Order Types
<<
>>
Name
Type
****** APPT 1ST
Condiment
*NO FIRE
Condiment
+ALMONDS
Condiment
+AMER-1$
Condiment
+AVO
Condiment
+BAC
Condiment
+BANANA
Condiment
+BLU CHZ
Condiment
+BURG PT
Condiment
+CHED-1$
Condiment
OK
Cancel
Ready
NUM

Figure 13

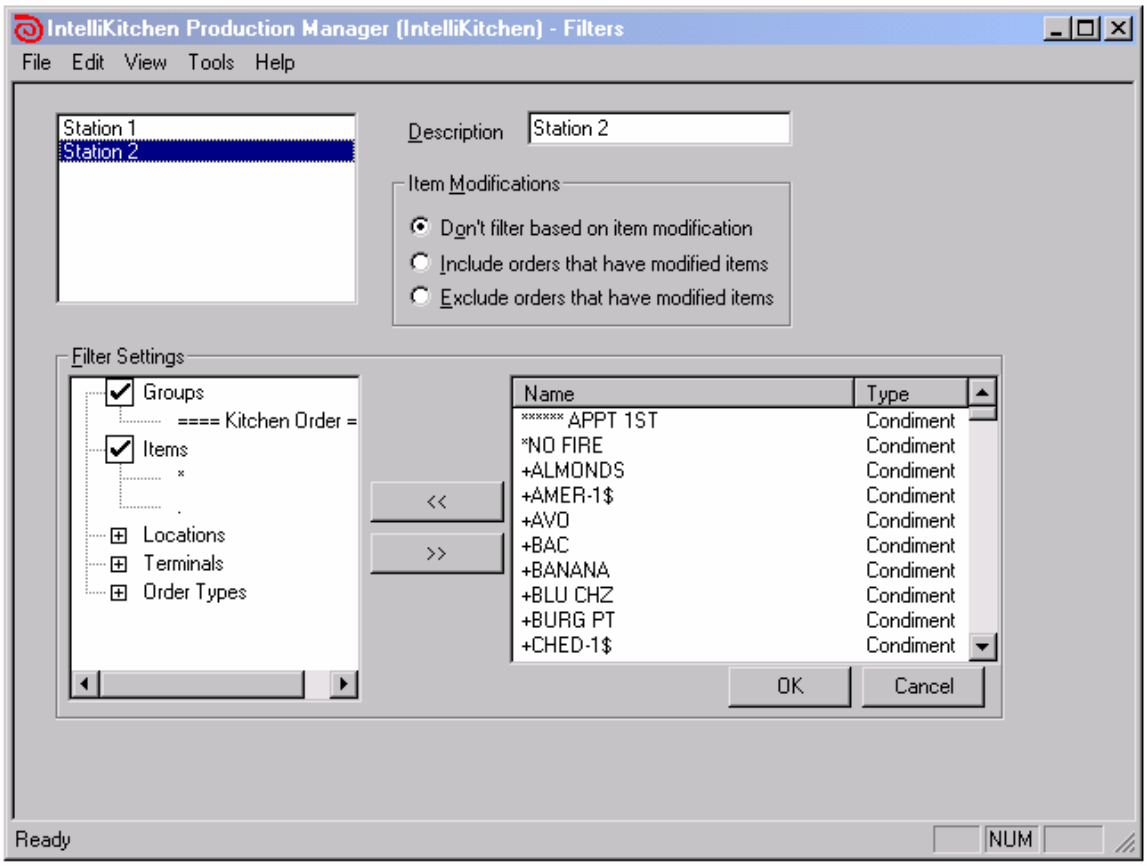

Figure 14

4. Click Edit ->Routing, for default routing table, assign each filter to a view. To set 1 view (KDS) accept all items, set filter to “None”.

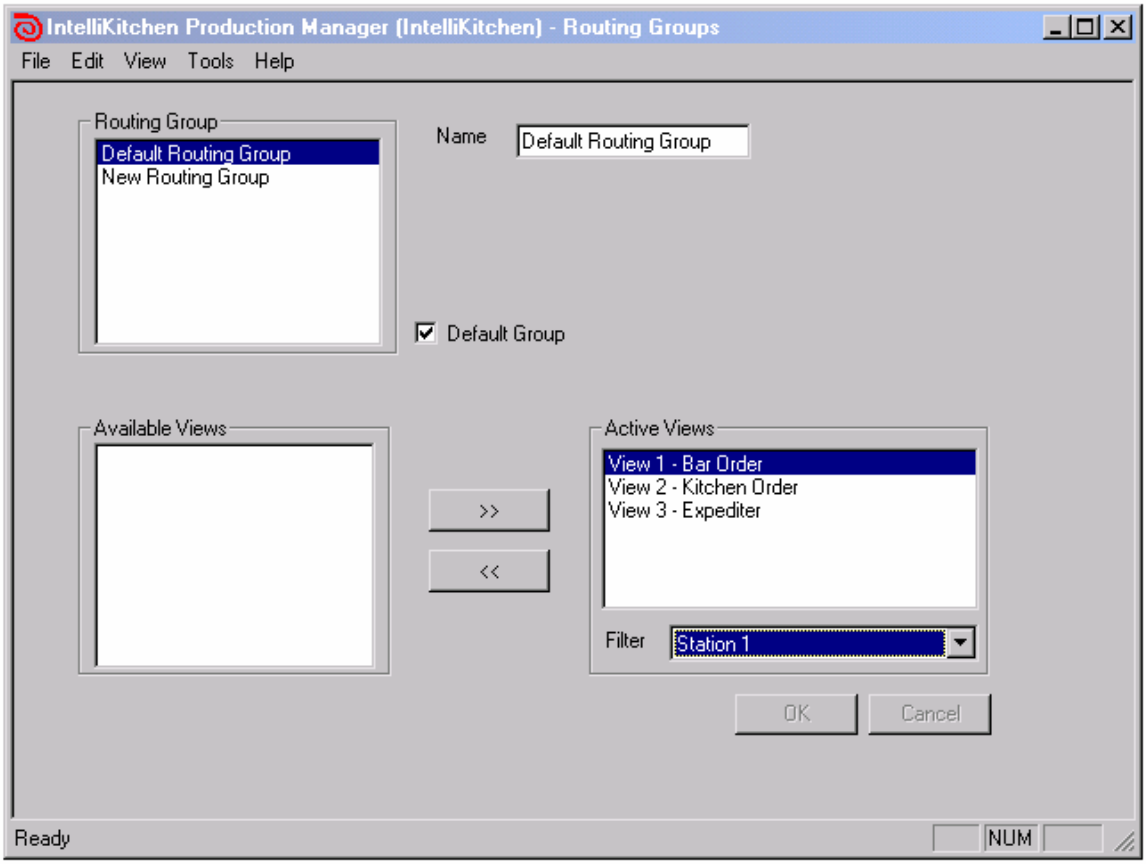
IntelliKitchen Production Manager (IntelliKitchen) - Routing Groups
File Edit View Tools Help
Routing Group
Default Routing Group
New Routing Group
Name
Default Routing Group
Default Group
Available Views
>>
<<
Active Views
View 1 - Bar Order
View 2 - Kitchen Order
View 3 - Expediter
Filter
Station 1
OK
Cancel
Ready
NUM

Figure 15

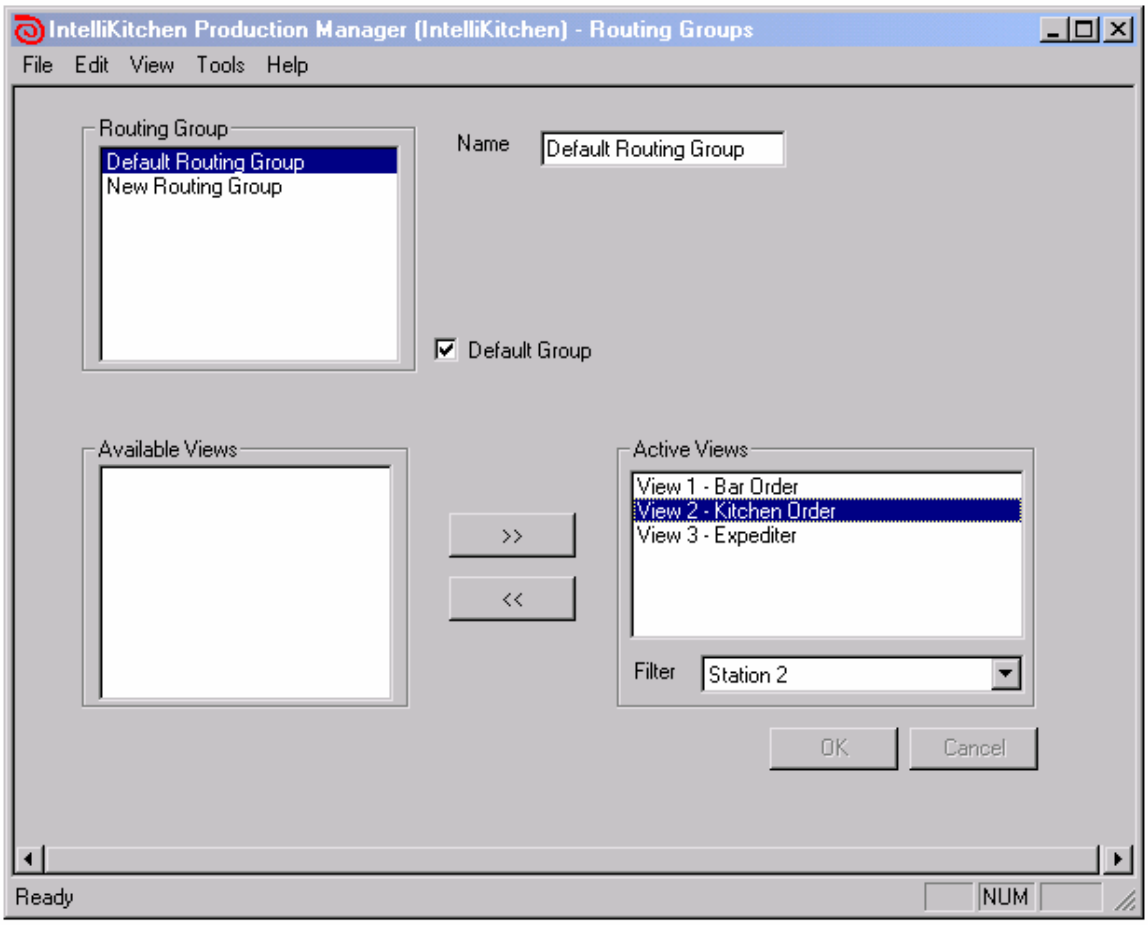
IntelliKitchen Production Manager (IntelliKitchen) - Routing Groups
File Edit View Tools Help
Routing Group
Default Routing Group
New Routing Group
Name
Default Routing Group
Default Group
Available Views
>>
<<
Active Views
View 1 - Bar Order
View 2 - Kitchen Order
View 3 - Expediter
Filter
Station 2
OK
Cancel
Ready
NUM

Figure 16

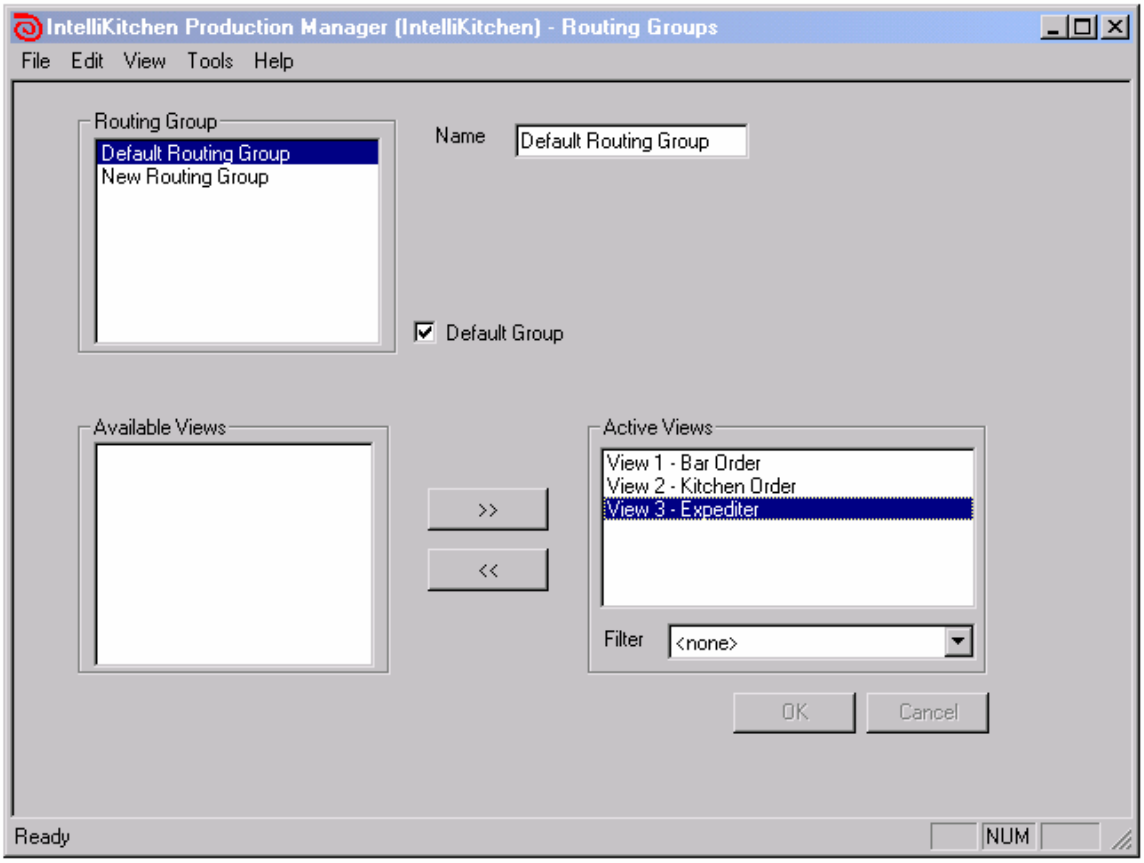

Figure 17

Part II: How to set fly mode for each view

If the check box "Send Item In Fly Mode" in KDS Adapter is checked

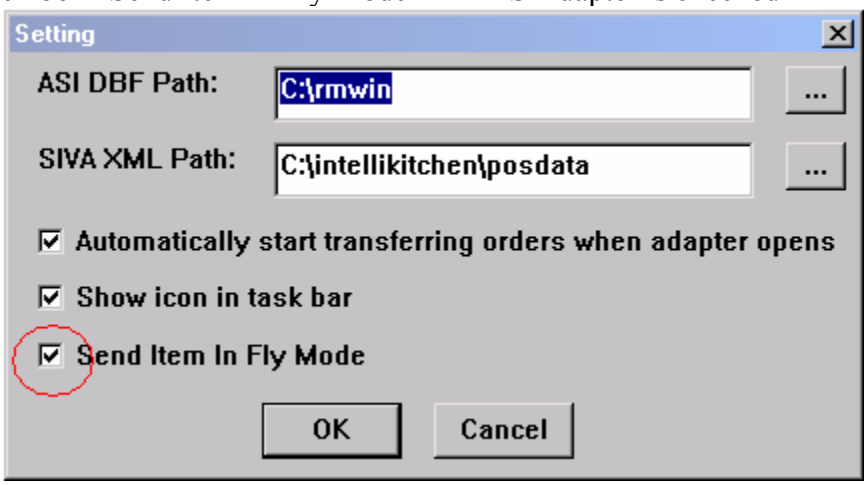

Figure 18

The IK also needs to be setup to match this. To do this, click Edit->Views Select " On The Fly" for each view that will use this feature. Save setting for each view. **(Do not go to Edit->Systems Option to set display mode to on the fly too, keep "On Total" for display mode; only go to Edit->View to set display mode for each View**).

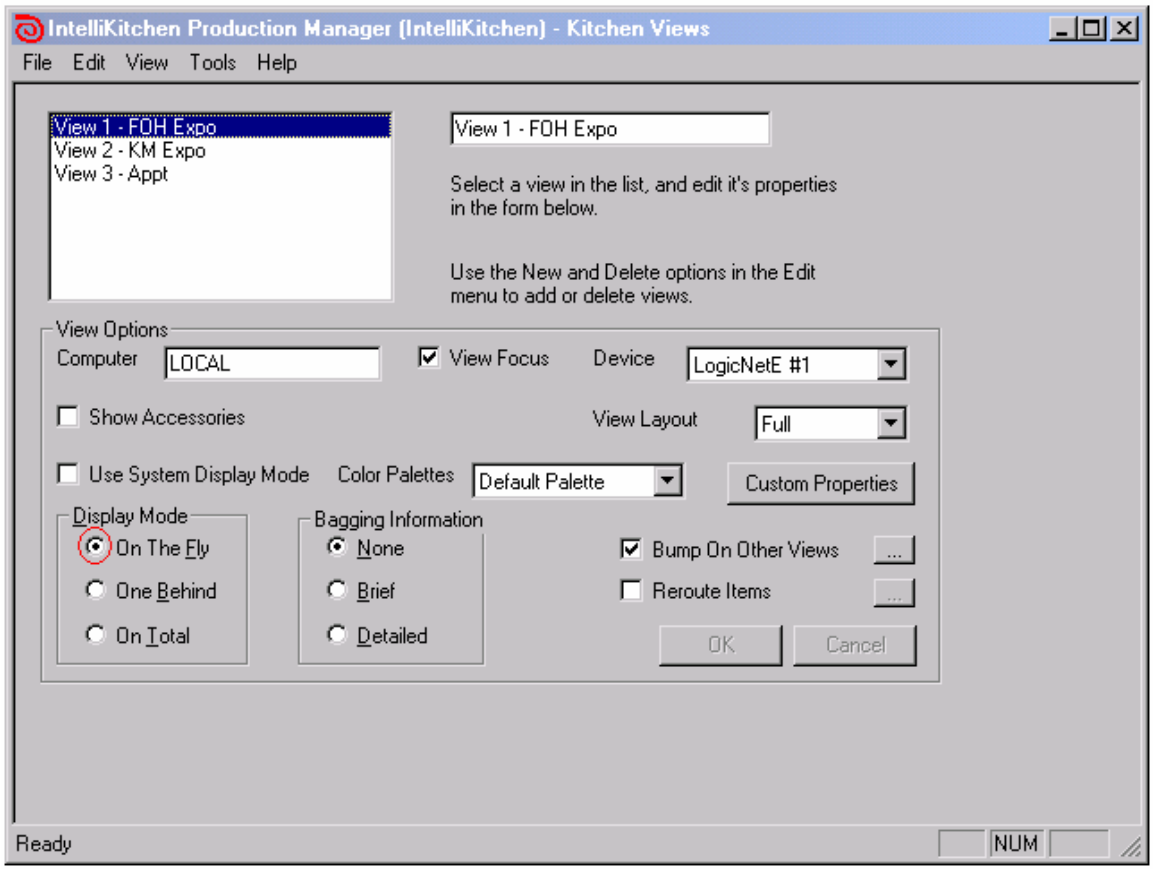

Figure 19

Part III: How to map IK order type to ASI revenue center

ASI has different revenue centers, and in IK it's called "Order Type". To map those tables, the setting in KDS Adapter and IK need to be changed.

1. Start KDS Adapter, click "File->order type setting", a box opens, enter the IK type ID (also called "POS ID" in IK) and the string you want IK to display. Here is a sample.

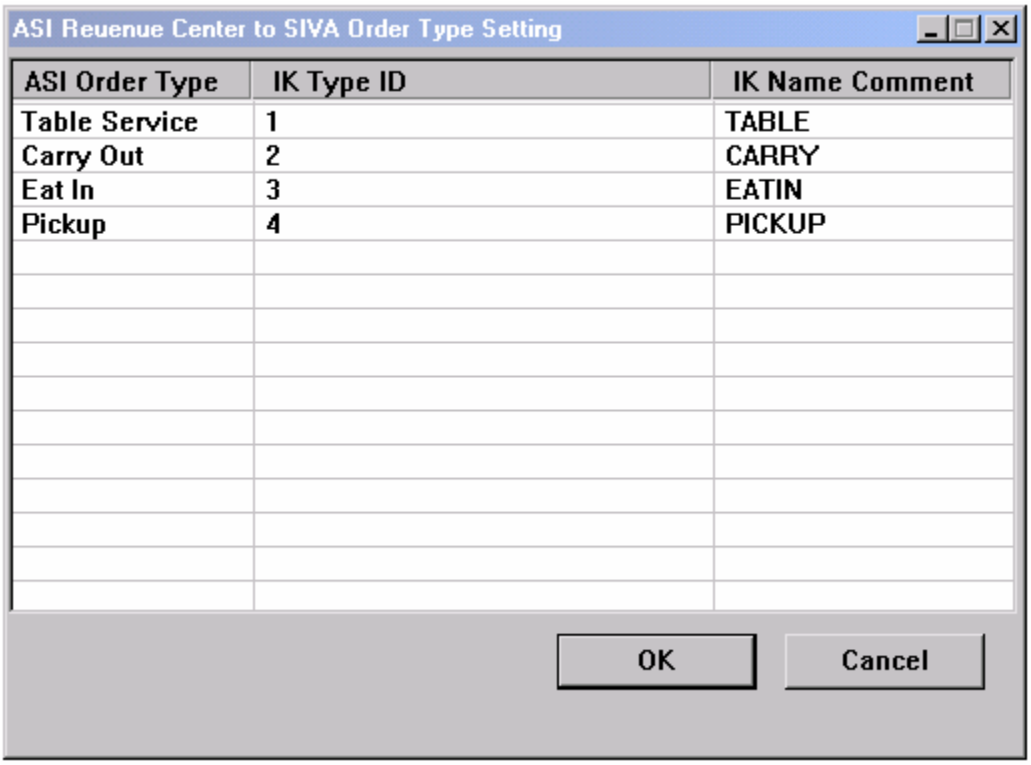

Figure 20

2. Click “OK” to save. Remember this table.
3. Start IK, click “Edit->Filter”, select filter and then check “order Type”.

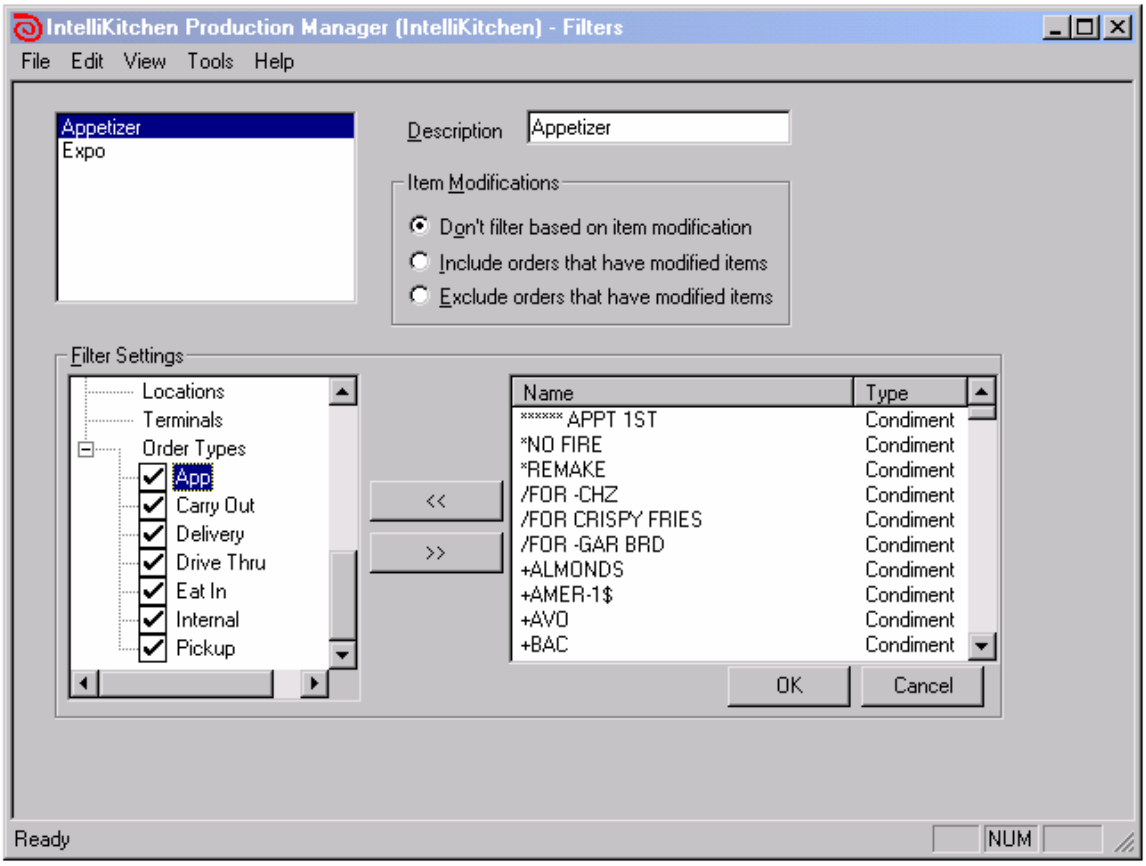

Figure 21

4. Right click on each order type, and then select “Properties”, find the “POS ID”, if the “POS ID” matches “IK Type ID” in KDS Adapter, change the “Name”, “description” and “**Abbreviation**” fields, the “**Abbreviation**” is the string going to be displayed on KDS, so make sure put the string you want.

For ex:

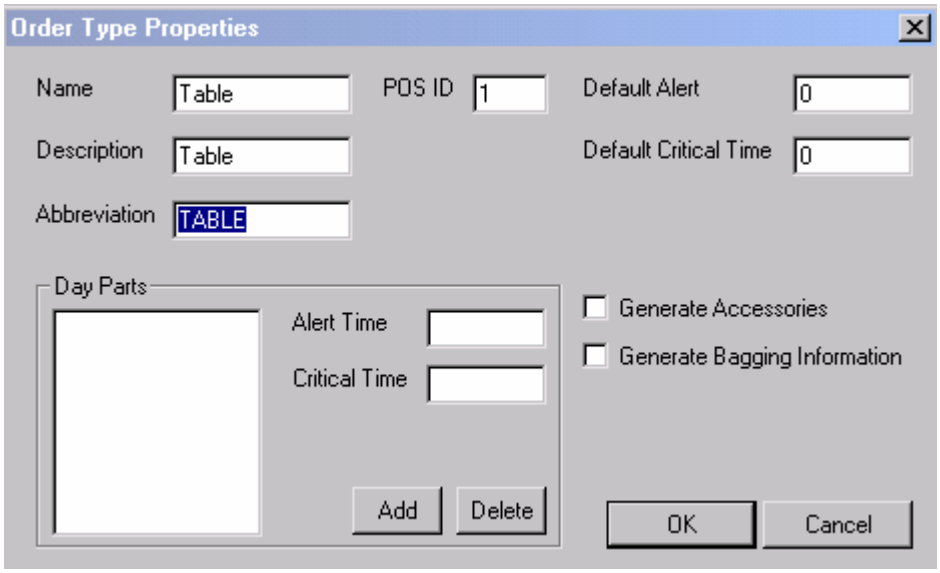

Figure 22

Change each field to match ASI setting; the "**Abbreviation**" is the string going to be display on KDS next to order number. "POS ID" is the integer value KDS adapter uses to let IntelliKitchen to pick up then display the corresponding abbreviation on KDS. Click "OK" to save, then change next order type…

If any setting has been changed in IK, restart it.