Crunchtime Kitchen Bin Editor

Reference Guide

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Related Documentation

- Install Crunchtime Kitchen: https://links.crunchtime.com/CHIG-InstallCrunchtimeKitchen
- Using Crunchtime Kitchen: https://links.crunchtime.com/CKRG-UsingCrunchtimeKitchen

Overview

This document explains how to use the Crunchtime Kitchen Bin Editor.

Download the latest version of this document here:

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REFERENCE GUIDE

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Introduction

Using a bin manager in ConnectSmart Kitchen (CSK), you can configure a view on a display, to monitor the inventory and production of one or many food items in real time. On the Bins tab of the Bin Management form in ConnectSmart Kitchen Builder Pro, you create and can set the quantity of a Bin Item that is projected to sell for a given time interval on a specific day of the week.

Unlike Kitchen Builder Pro, the Bin Editor is a stand-alone application that provides this same functionality. Use it to perform bulk projection modification over an entire day, or multiple days. It is targeted at users who want to make changes to the bin projections at the store level and make those changes more often than the frequency of standard Kitchen Builder Pro settings modifications.

For example, due to a local sporting event on Saturday, a restaurant manager is expecting an increase in business and a demand for certain items that is greater than existing projections on the Bins tab of the Bin Management form in Kitchen Builder Pro. Although he does not have access to Kitchen Builder Pro, which may be on a computer at the restaurant's home office, he can access the Bin Editor, which has an interface that is very similar to the one in Kitchen Builder Pro.

Although you cannot create bin items with the Bin Editor and are using items previously created in Kitchen Builder Pro, you can edit projections for each item. The projection values for each item at each interval can be edited individually.

Using the Bin Editor

Use the Bin Projection Editor to perform bulk projection modification over an entire day or multiple days. The Bin Editor has two sections: Adjust Bin Projections and Current Bin Projections.

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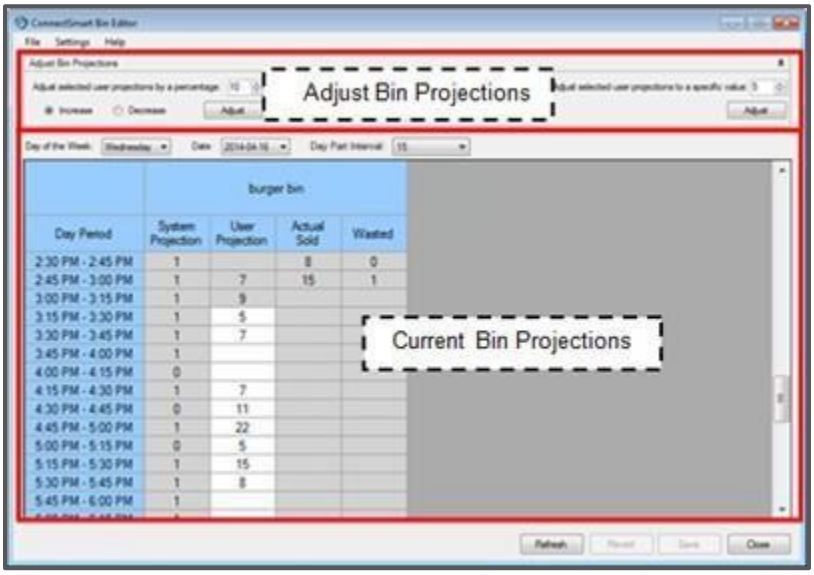
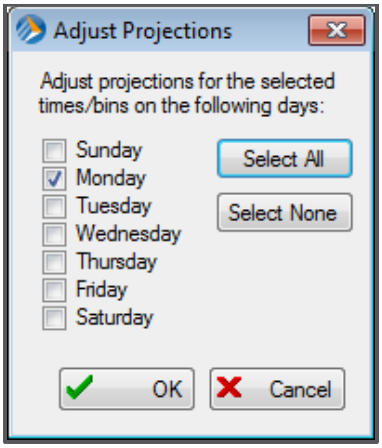


Adjust Bin Projections

You can adjust bin projections by a certain percentage, a specific value, or both.

Adjust By Percentage

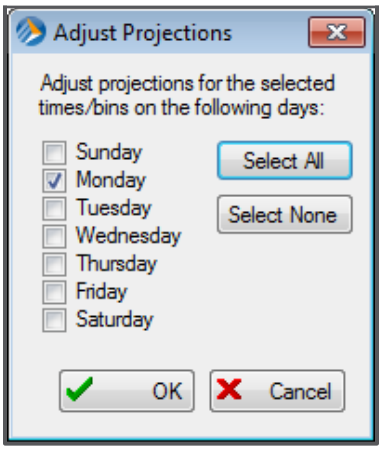
1. Select Adjust selected user projections by a percentage to cause all of the projection values for the selected day(s) to be increased or decreased by a specified percentage, between 0-100. The default is 10.
2. In the Current Bin Projections table, select (highlight) the projection values that you want to change by dragging your pointer (or hold down the Ctrl key and click to select noncontiguous cells).
3. Enter a percentage by using the spin box or typing a percentage.
4. Select Adjust. The Adjust Projections dialog box appears.



5. Select which days you want to apply changes to and select OK. You can also select Select All to select all days of the week or Unselect All to clear all days of the week.
6. Select Save on the Bin Editor.

Adjust By a Specific Value

1. Selecting Adjust selected user projections to a specific value will cause all of the projection values for the selected day(s) to be increased or decreased to the specified value, between 0-100. The default is 5.
2. In the Current Bin Projections table, select (highlight) the projection values that you want to change by dragging your pointer (or hold down the Ctrl key and click to select noncontiguous cells).
3. Enter a specific value by using the spin box or typing a value.
4. Select Adjust. The Adjust Projections dialog box appears.



5. Select which days you want to apply changes to and select OK. You can also select Select All to select all days of the week or Unselect All to clear all days of the week.
6. Select Save on the Bin Editor.

Manually Changing Current Bin Projections

You can also change bin projection cells (half-hour increments of time) in the table individually without using the Adjust selected user projections by a percentage and/or the Adjust selected user projections to a specific value option. To do so, select the day in the Day of the Week drop-down list and the date from the Date drop-down list and double-click in the cell for the time's bin item projection that you want to change. A spin box appears. Use it to select a number between 0-999. You can also type a value in the box.

In the example shown below, the burgers value is being changed to 4 for the 8:15 – 8:30 time slot. The user is expecting an increase in demand for fries and burgers between 7:15-8:30 P.M., but the exact same value is not projected for every half hour cell during that time period.

	Fries	Burgers
Day Period	User Projection	User Projection
7:00 PM - 7:15 PM	1	1
7:15 PM - 7:30 PM	5	4
7:30 PM - 7:45 PM	7	5
7:45 PM - 8:00 PM	7	5
8:00 PM - 8:15 PM	5	4
8:15 PM - 8:30 PM	5	4
8:30 PM - 8:45 PM	1	1
8:45 PM - 9:00 PM	1	1
9:00 PM - 9:15 PM	1	1
9:15 PM - 9:30 PM	1	1
9:30 PM - 9:45 PM	1	1
9:45 PM - 10:00 PM	0	0
10:00 PM - 10:15 PM	0	0

Day Part Interval

This is the interval at which projections are created. Select 15, 30, or 60. These values are in minutes.

Bin Projection Data

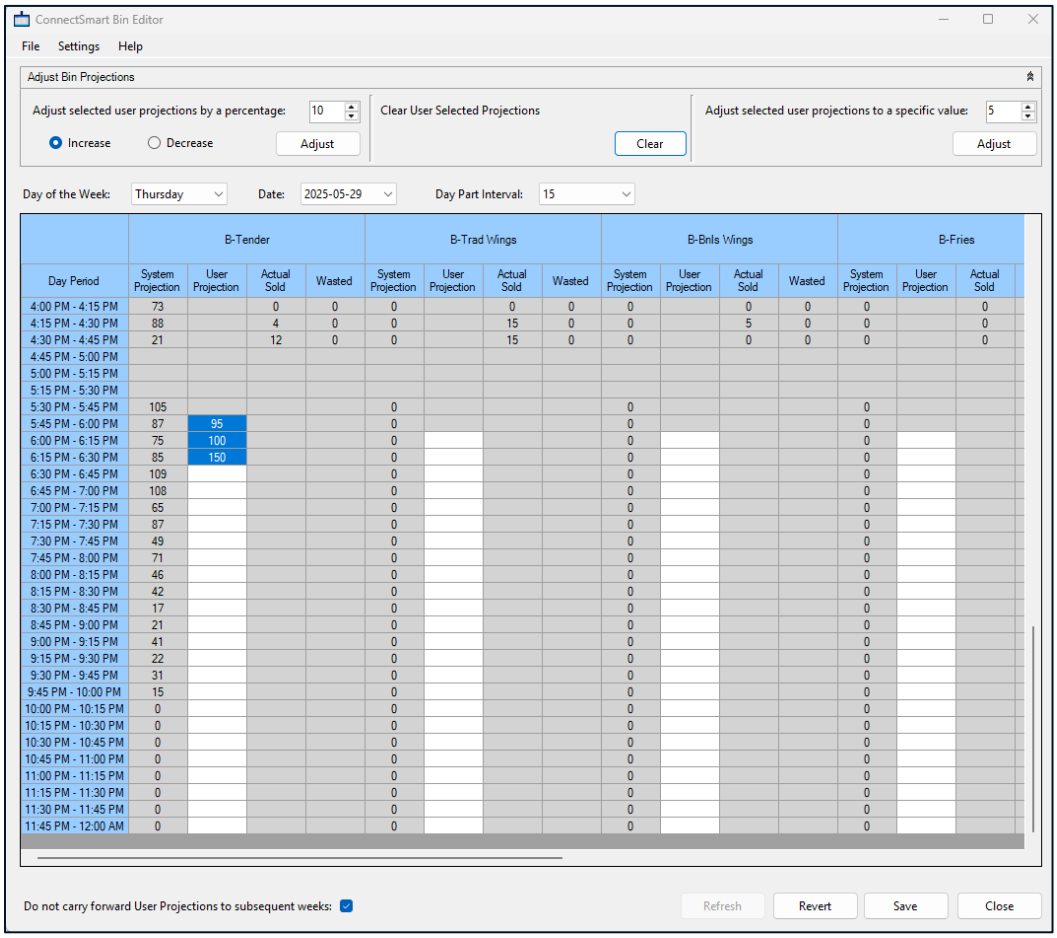
Active bin projection data is stored in the BinProjections.xml file in the BinManager folder. The BinManager folder is located in the common application data directory, which is:

- **XP:** C:\Documents and Settings\All Users\Application Data\QSR Automations\ConnectSmart\KitchenServer\BinManager
- **Win7 (or above):** C:\ProgramData\QSR Automations\ConnectSmart\KitchenServer\BinManager. This run-time file is modified directly by the Bin Editor, rather than modifying the files in the subfolder for a particular data set.

As with all files in the run-time directory, the data can be overwritten by using Kitchen Builder Pro to export a dataset to the run-time directory. Caution must be taken if you wish to preserve the modified run-time data.

Delete User Projections

User Projections can be deleted in Bin Editor, either singly or in groups. Select one or more User Projection cells within Bin Editor (or select the entire screen to remove all User Projections) and select the Clear button under “Clear Selected User Projections.”



	B-Tender				B-Trad Wings				B-Bnls Wings				B-Fries		
Day Period	System Projection	User Projection	Actual Sold	Wasted	System Projection	User Projection	Actual Sold	Wasted	System Projection	User Projection	Actual Sold	Wasted	System Projection	User Projection	Actual Sold
4:00 PM - 4:15 PM	73		0	0	0		0	0	0		0	0	0		0
4:15 PM - 4:30 PM	88		4	0	0		15	0	0		5	0	0		0
4:30 PM - 4:45 PM	21		12	0	0		15	0	0		0	0	0		0
4:45 PM - 5:00 PM															
5:00 PM - 5:15 PM															
5:15 PM - 5:30 PM															
5:30 PM - 5:45 PM	105				0				0				0		
5:45 PM - 6:00 PM	87	95			0				0				0		
6:00 PM - 6:15 PM	75	100			0				0				0		
6:15 PM - 6:30 PM	85	150			0				0				0		
6:30 PM - 6:45 PM	109				0				0				0		
6:45 PM - 7:00 PM	108				0				0				0		
7:00 PM - 7:15 PM	65				0				0				0		
7:15 PM - 7:30 PM	87				0				0				0		
7:30 PM - 7:45 PM	49				0				0				0		
7:45 PM - 8:00 PM	71				0				0				0		
8:00 PM - 8:15 PM	46				0				0				0		
8:15 PM - 8:30 PM	42				0				0				0		
8:30 PM - 8:45 PM	17				0				0				0		
8:45 PM - 9:00 PM	21				0				0				0		
9:00 PM - 9:15 PM	41				0				0				0		
9:15 PM - 9:30 PM	22				0				0				0		
9:30 PM - 9:45 PM	31				0				0				0		
9:45 PM - 10:00 PM	15				0				0				0		
10:00 PM - 10:15 PM	0				0				0				0		
10:15 PM - 10:30 PM	0				0				0				0		
10:30 PM - 10:45 PM	0				0				0				0		
10:45 PM - 11:00 PM	0				0				0				0		
11:00 PM - 11:15 PM	0				0				0				0		
11:15 PM - 11:30 PM	0				0				0				0		
11:30 PM - 11:45 PM	0				0				0				0		
11:45 PM - 12:00 AM	0				0				0				0		

This will bring up a pop-up form allowing you to select additional days of the week for which you’d like to clear User Projections. For example, if you had previously entered a User Projection of 20 for the 12pm bin period every day of the week, you can clear that projection for all days at the same time by choosing Select All on the popup.

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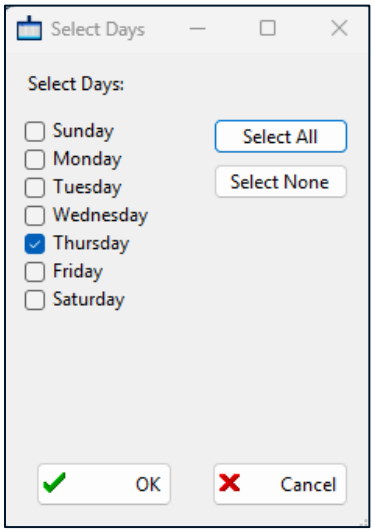


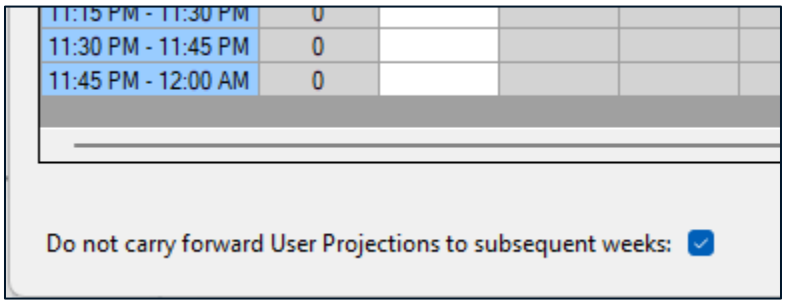
Once you have chosen the days on which the User Projection should be deleted, select OK to delete the User Projections on those days. On the secondary confirmation pop-up screen, click OK again to clear the User Projections, and then click Save to update KitchenServer with the new projections.

If you don't need to delete User Projections from multiple days at the same time, you can simply select the cells you want to edit and hit Delete on your keyboard; this will remove the projections from those cells. Click Save to commit the changes.

If you'd like to remove User Projections from a single cell at a time, this can also be accomplished by clicking into the cell and manually deleting the value, then selecting Save to commit the changes.

Carry Forward User Projections to Subsequent Weeks

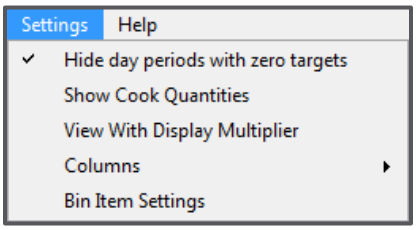
The **Do not carry forward User Projections to subsequent weeks** setting (at the bottom of the Bin Editor application) allows users to specify whether User Projections added in Bin Editor should be carried forward to subsequent weeks. If you'd like your User Projections to only apply to a specific calendar date, you can enable the setting and select Save. This will tell KitchenServer that User Projections should only apply to the specific date for which they were entered and should not continue being used in future weeks.



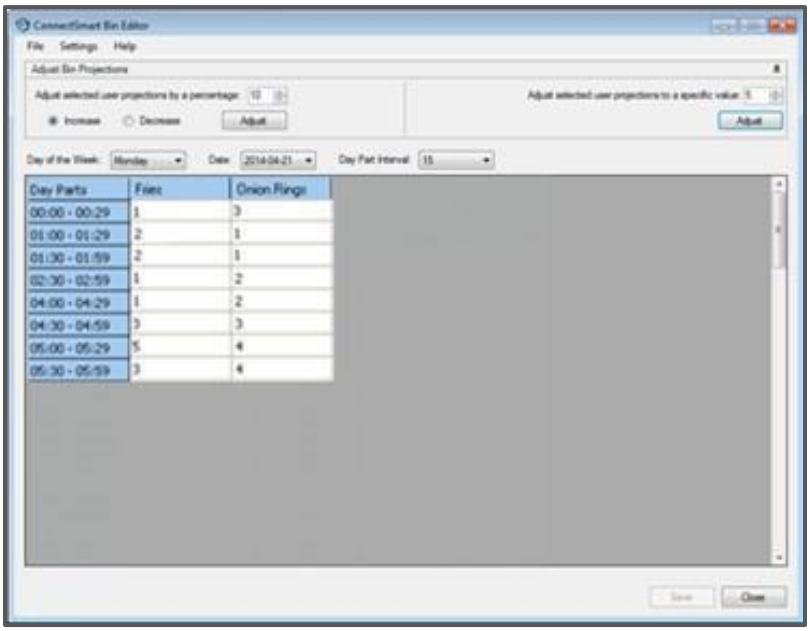
Hide Day Periods with Zero Targets

You can hide any day period in which bin projections are set to zero (0). This will streamline information that gets displayed in the Current Bin Projections section of the Bin Editor. This may be helpful if you only want to view projections for certain times of the day like lunch and dinner. By default, the Bin Editor starts at 10:00 A.M., and you can scroll up and down through the entire day (all 24 hours).

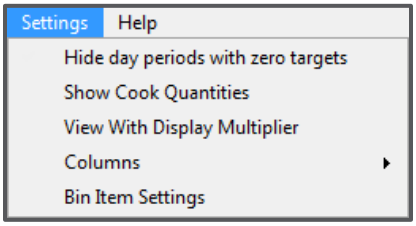
From the menu bar, select Settings and Hide day periods with zero targets.



Notice the Current Bin Projections section of the Bin Editor no longer includes zeroes.



To show zero-day periods, from the menu bar, clear (do not select) Hide day periods with zero targets.



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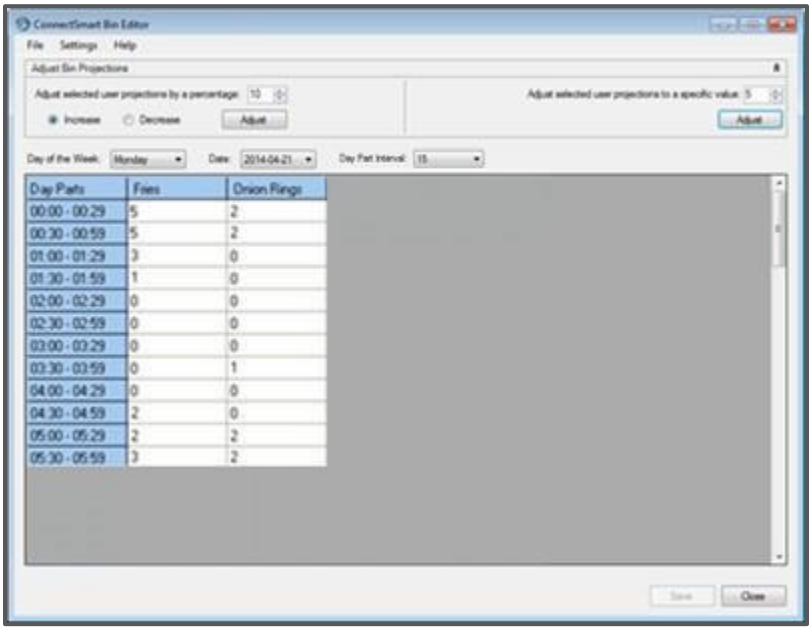
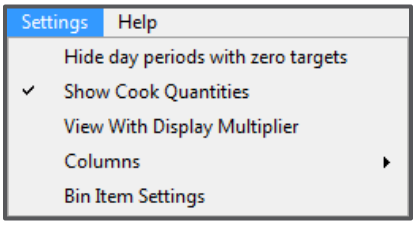
Notice the Current Bin Projections section of the Bin Editor includes zeroes.



Show Cook Quantities

The Show Cook Quantities option uses the bin-to-cook multiplier so you can add projections based on number of bulk items you plan to cook, and Bin Editor converts these values to bin quantities.

From the menu bar, select Settings and Show Cook Quantities.



Example: A bin item for breadsticks exists in Bin Management with a bin-to- cook-multiplier of 5 (i.e., five individual breadsticks make up one order). The restaurant manager wants to make a user projection for the next day period for 10 orders of breadsticks. In that case, the manager would enter a user projection of 100 in Bin Editor to ensure 10 complete orders are in the bin. If the manager selected Show Cook Quantities, he would just need to make a user projection of 10, and 100 would be added to the bin.

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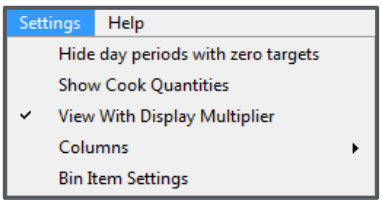
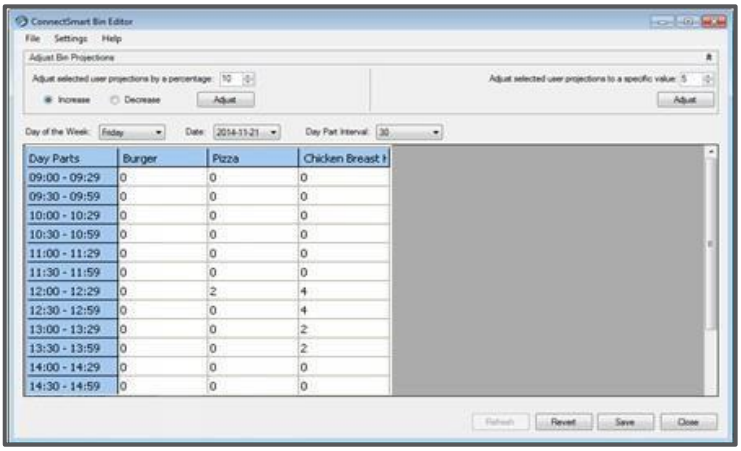
View With Display Multiplier

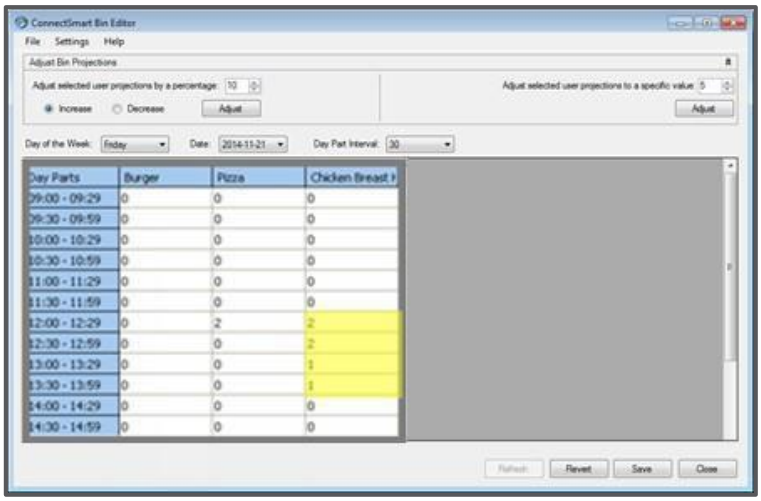
A display multiplier allows you to show partial quantities on the Display Client and in Bin Editor. For example, say you have a bin item called Chicken Breast Halves. A full chicken sandwich would have a multiplier of 2 (2 halves or 1 whole breast) and a wrap would have a multiplier of 1 (1 half of 1 whole breast). So, if the bin quantity is 1 half breast, and you have the display multiplier set to 0.5 (half), the Bin View would show "0.5" as the bin quantity. From the menu bar, select Settings and View With Display Multiplier.



Example: The following examples are based on a display multiplier of 0.5. In the following image, notice that the bin item Chicken Breast Halves has projections of 4, 4, 2, and 2 for four hours in the afternoon. The following image does not have View with display multiplier selected.



The following image, however, shows what the bin projections look like when View with display multiplier is selected. Notice the values are cut in half.

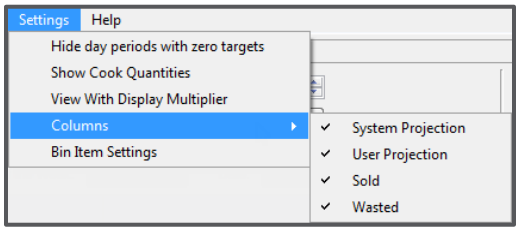


Note: The display multiplier feature only applies to very specific kitchen situations. Use this only if you want to apply partial quantities to bin totals.

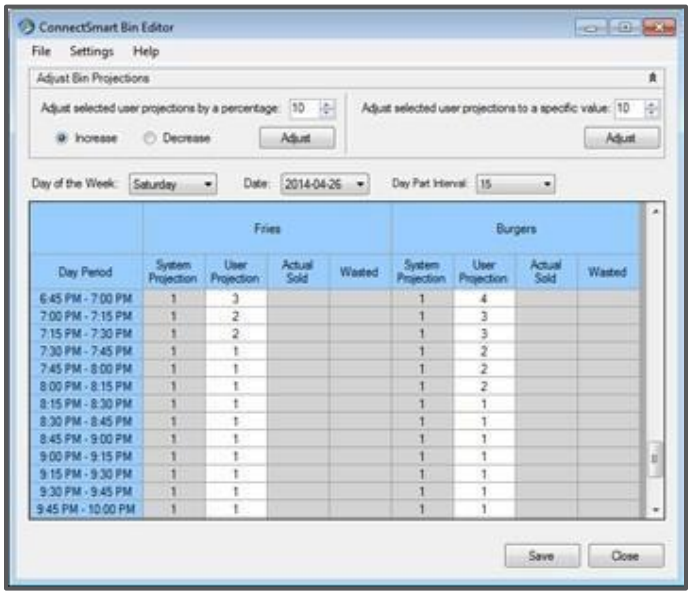
Columns

You can select up to four columns to appear in the Current Bin Projections section: System Projection, User Projection, Sold, and Wasted.

From the menu bar, select Settings and Columns.



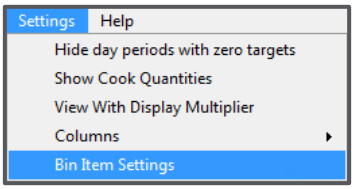
Select which columns you want to appear in the Bin Editor. The following image shows all columns selected.



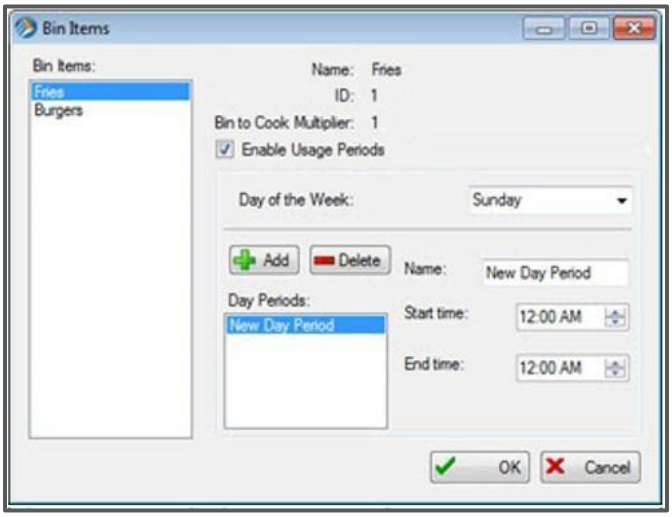
Bin Item Settings

Bin item projection is the quantity of a bin item that is projected to sell for a given time interval on a specific day of the week. A bin usage period can be assigned for any day of the week, and you can specify day periods, typically lunch and dinner hours, for the bin system to be in operation for each item on these days of the week.

If you want to configure the minimum bin item projection and bin usage periods per bin, select Settings and Bin Item Settings.



The Bin Items form appears.



1. Select Add. A default New Day Period appears. You can change its name. Examples include Lunch and Dinner.
2. Specify the start and stop times (hours of operation) for this day period.
3. Select Enable Usage Periods and select the applicable day of the week.
4. Select OK.

Note: With a minimum projection amount configured for each item (other than 0), there is never a forecast of zero for that item during operation, and no phantom orders or projections will be generated and used outside of these bin usage periods. When projections are loaded by the system during the end of day process, no values are loaded outside of the bin hours, and any values loaded inside the bin usage period adhere to the specified minimum values.

Note: Notice the Bin to Cook Multiplier (read-only) value. This value is set up on the Bin tab of the Bin Management form in ConnectSmart Kitchen Builder Pro. This multiplier controls the number of bin items that correspond to one cooking unit. While it is often set to 1, in some cases multiple bin items may correspond to one cooked item.

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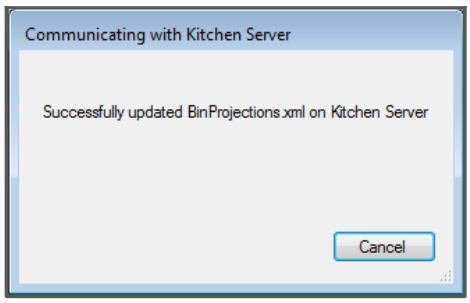
Example: If 1 hash brown casserole corresponds to 12 servings of hash brown casserole, the bin-to-cook multiplier could be set to 12. When the hash brown casserole bin generates an order, the generated order item quantity would be 1 to indicate that one hash brown casserole needs to be prepared. When prepared and dropped in the bin, the bin count would increment by 12.

Saving and Refreshing Bin Projections

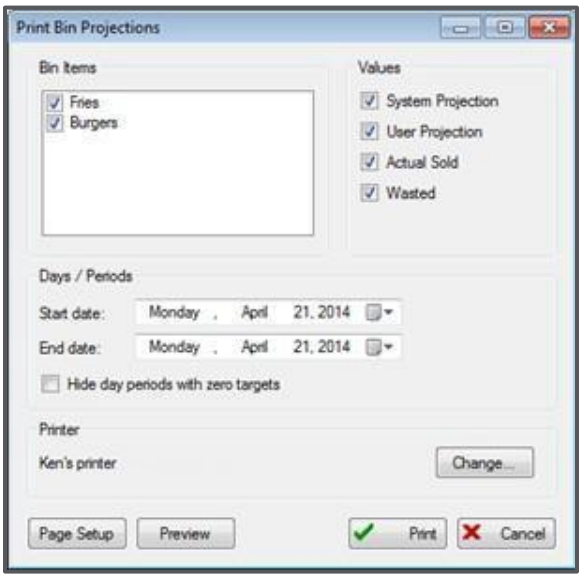
You can refresh Actual Sold and Wasted totals. If you make any changes in the Bin Editor (bin item settings, user projections, etc.) the Save button becomes available. Select Save. A confirmation message appears.



Select Cancel on message, and the Refresh button becomes available. Select Refresh to update Actual Sold and Wasted totals.

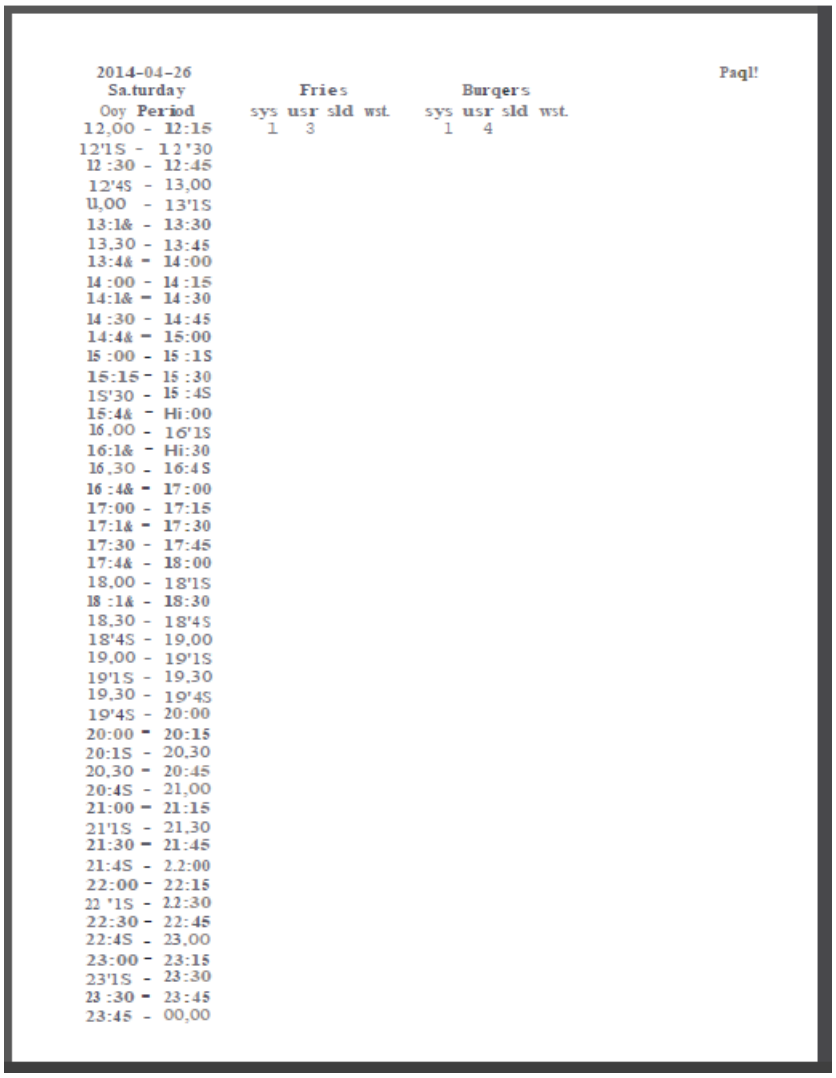
Print Bin Projections

You can print a report of bin projection items for any day(s) of the week. From the menu bar, select File and Print.



Select the bin item(s) that you want to include in the report. Select the value(s) – which are the columns in the Current Bin Projections section - you want to include in the report. The current day of the week is selected by default, but you can edit the date range. You have the option to include zero-day periods in the report.

Select Print. The report appears in a simple column and row format.



2014-04-26 Paql!

Saturday

Ooy Period	Fries sys	usr	sld	wst	Burgers sys	usr	sld	wst
12,00 - 12:15	1	3			1	4		
12'1S - 12'30								
12:30 - 12:45								
12'4S - 13,00								
U,00 - 13'1S								
13:1& - 13:30								
13,30 - 13:45								
13:4& - 14:00								
14:00 - 14:15								
14:1& - 14:30								
14:30 - 14:45								
14:4& - 15:00								
15:00 - 15:1S								
15:15 - 15:30								
1S'30 - 15:4S								
15:4& - Hi:00								
16,00 - 16'1S								
16:1& - Hi:30								
16,30 - 16:4S								
16:4& - 17:00								
17:00 - 17:15								
17:1& - 17:30								
17:30 - 17:45								
17:4& - 18:00								
18,00 - 18'1S								
18:1& - 18:30								
18,30 - 18'4S								
18'4S - 19,00								
19,00 - 19'1S								
19'1S - 19,30								
19,30 - 19'4S								
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20,30 - 20:45								
20:4S - 21,00								
21:00 - 21:15								
21'1S - 21,30								
21:30 - 21:45								
21:4S - 2.2:00								
22:00 - 22:15								
22 '1S - 22:30								
22:30 - 22:45								
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23'1S - 23:30								
23 :30 - 23:45								
23:45 - 00,00								

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