

IE's Slot Mix CAD Solution – SMC

Admin Instructions: IE's Slot Mix CAD Solution - SMC

Overview

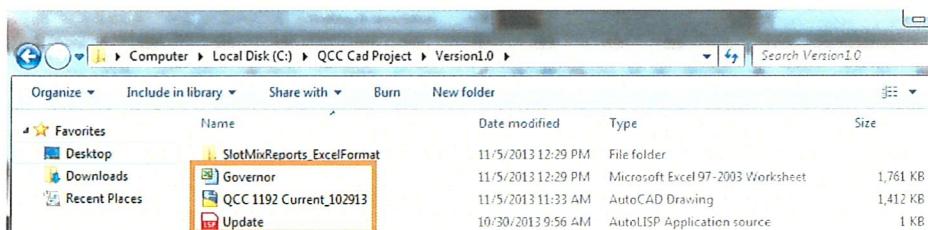
QCC maintains a master CAD drawing that depicts the reality on the gaming floor at any given point in time. IE's Slot Mix Reporting Application provides information about each Bank such as Game Name, Coin In, and Win per machine. Slot mix reports can be run at any time based on a date range.

Using this solution, the Bank-specific information on a Slot Mix report (specifically: Game Name, CIPMPD, WPMPD) can be mapped onto the QCC CAD drawing, displayed in tabular format next to each bank. Color can also be added to the values that are mapped onto the CAD drawing to heat up particular areas of the map based on your requirements. This document will take you through the whole process.

Prerequisites

The following prerequisites are required on your machine to use this solution:

- Microsoft Office 2010 x64
- AutoCAD 2013 x64
- Latest SMC solution files **all in the same directory** – see explanation of required files below screenshot



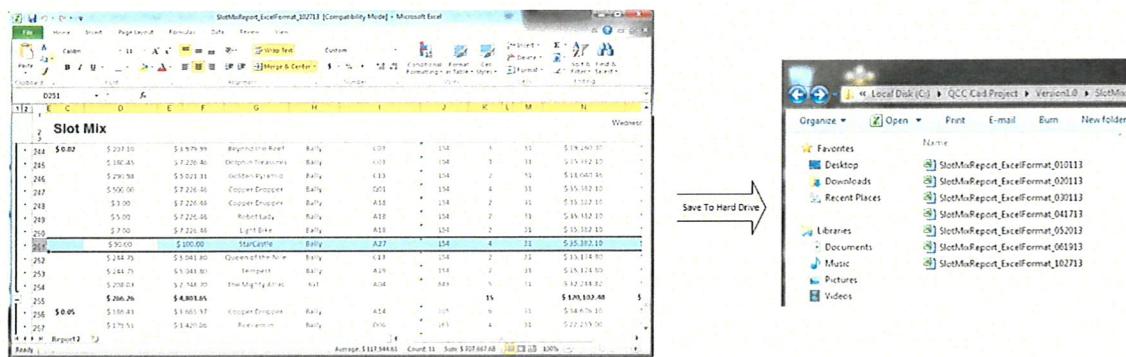
- **Governor.xlsx:** This excel file is used as the glue between the CAD drawing and the Slot Mix report. You can import a Slot mix report into the Governor, then add color to the CIPMPD, WPMPD, Game Name values prior to plotting the data onto the CAD drawing.
- **QCC 1192 Current_102913:** Up to date CAD drawing with Datalinks.
- **Update.lsp:** This file is used to update data tables on the drawing with the info present in the Governor file

Usage Instructions – Adding Slot Mix data to the CAD drawing

Open both Governor.xlsx AND the latest CAD drawing, then follow the steps below to add bank-specific info (Game Name, CIPMPD, WPMPD) from a Slot Mix report onto the CAD drawing in tabular format with custom font colors:

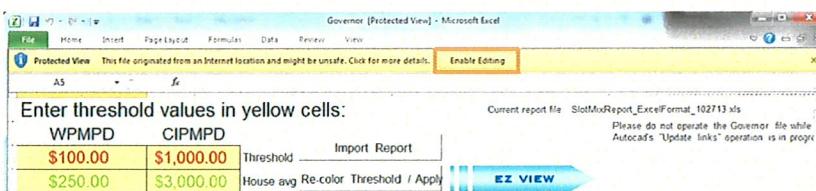
Step 1 - Create a Slot Mix report

- Create a slot mix report using IE's Slot Mix Reporting Application. Export the report to excel format and save to your hard drive:

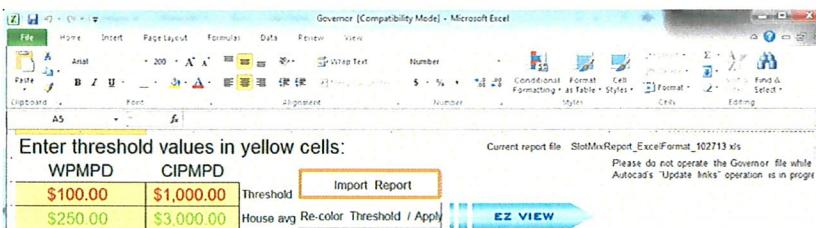


Step 2 - Import the Slot Mix data into the Governor file:

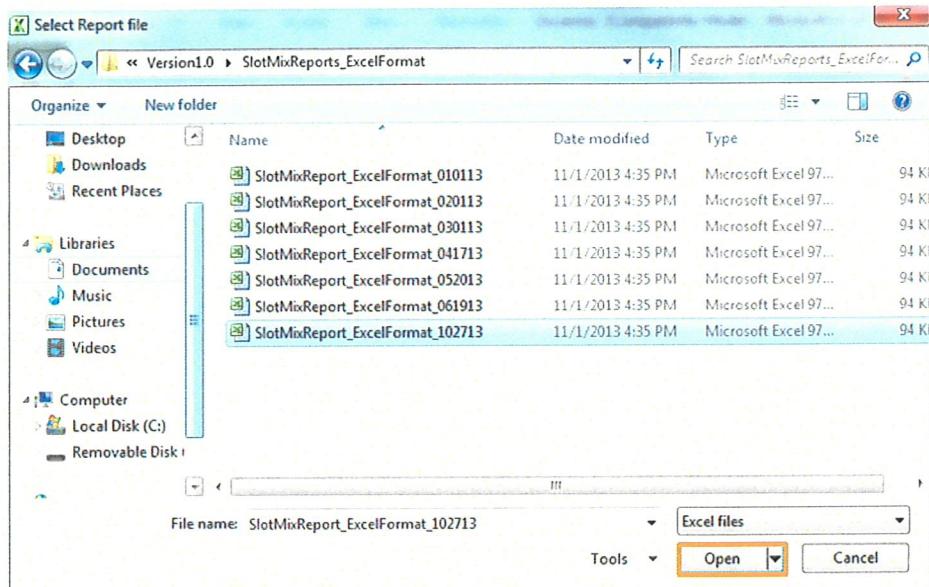
- Open the Governor file. If you get the Protected View message below, click *Enable Editing*:



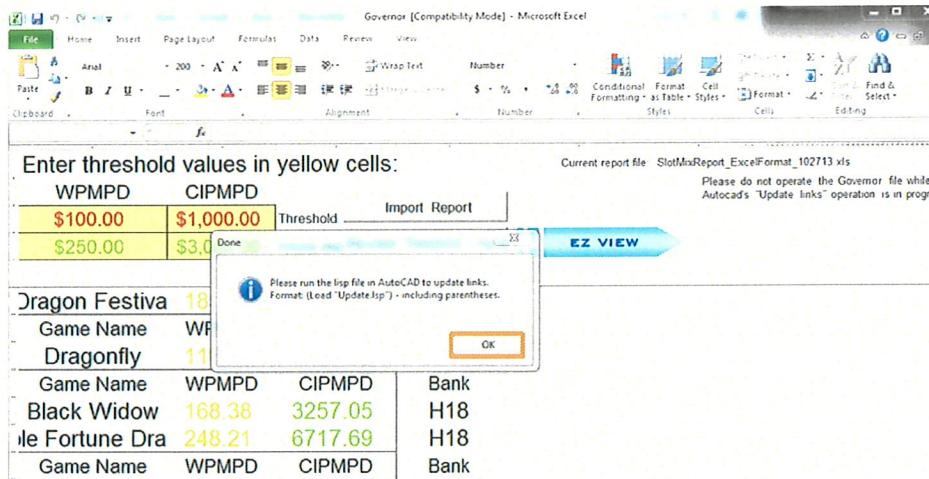
- Click the *Import Report* button:



- Browse to the Slot Mix excel file you saved in the Step 1 and click Open:



- The Slot Mix data from the chosen report will populate the Governor file. Click OK when you see the popup:

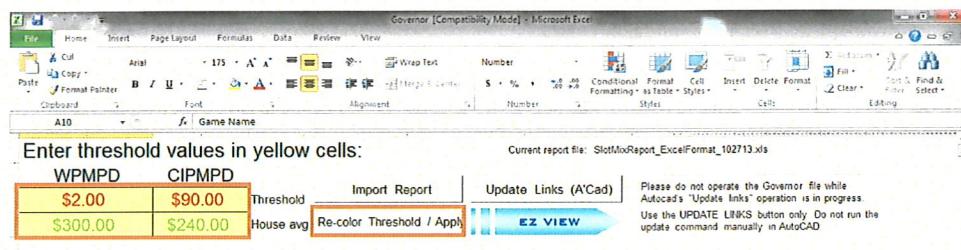


- Done – the upload of Slot Mix data into the Governor file is complete.

Step 3 - Add color to the values in the Governor to heat up the CAD drawing

Background: You can change the font color of CIPMPD, WPMPD, and Game Name in the Governor file prior mapping the data onto the drawing. There are two methods for adding color to the slot mix values in the Governor file – use both to apply the exact coloring you require to the info in data tables:

- **Method 1:** Use Threshold and House Avg. to apply color automatically:
 - Specifying Threshold and House Avg. values for CIPMPD and WPMPD in the yellow cells and clicking the *Re-color Threshold* button will automatically apply color to the fonts as described below the screenshot:

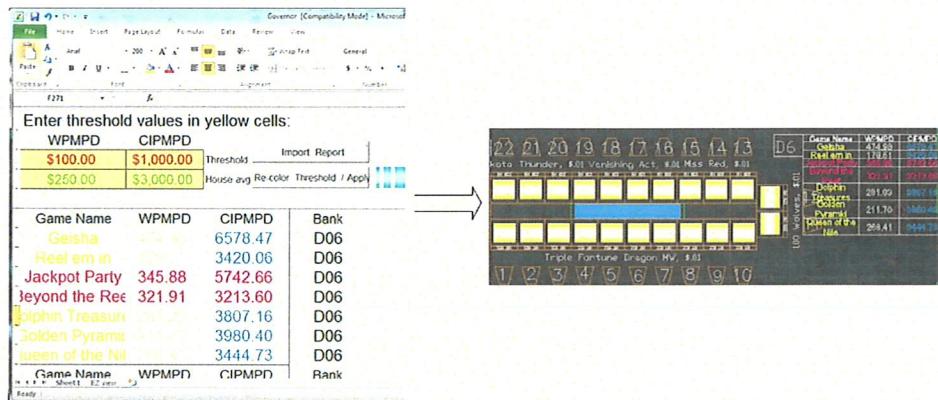


- CIPMPD and WPMPD values that are less than or equal to Threshold will become **red** after clicking the Recolor Threshold / Apply button
- CIPMPD and WPMPD values that are greater than or equal to House Avg. will become **green** after clicking the Recolor Threshold / Apply button
- CIPMPD and WPMPD values that lie between Threshold and House Avg. will become **orange** after clicking the Recolor Threshold / Apply button.

- **Method 2:** Manually applying color to selected values in the Governor

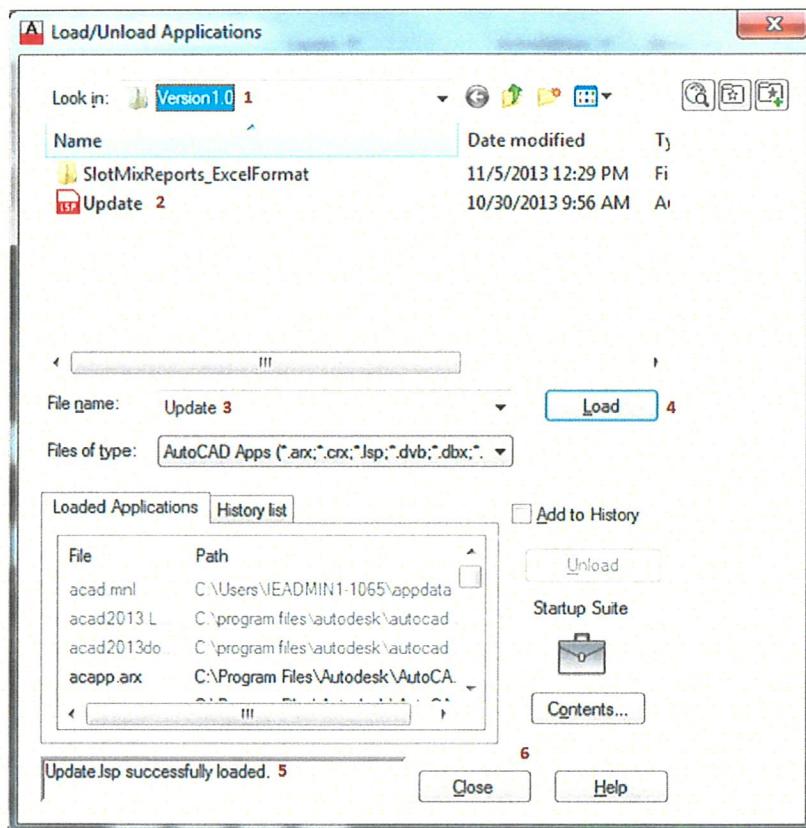
- After applying colors based on Threshold and House Avg. using method 1, you can **manually** change the fonts of CIPMPD, WPMPD, **AND Game Name** before mapping the info onto the CAD drawing.

In the screenshot below, the auto-coloring acquired with Method 1 is overridden for Bank D06 by applying different font colors manually in the Governor. These new colors show up in the data table after an APPLOAD (see next step for rundown of APPLOAD):

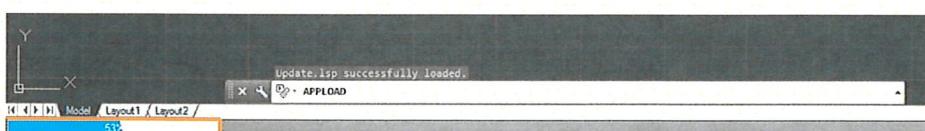


Step 4 - Map the Slot Mix data in Governor file onto the CAD drawing

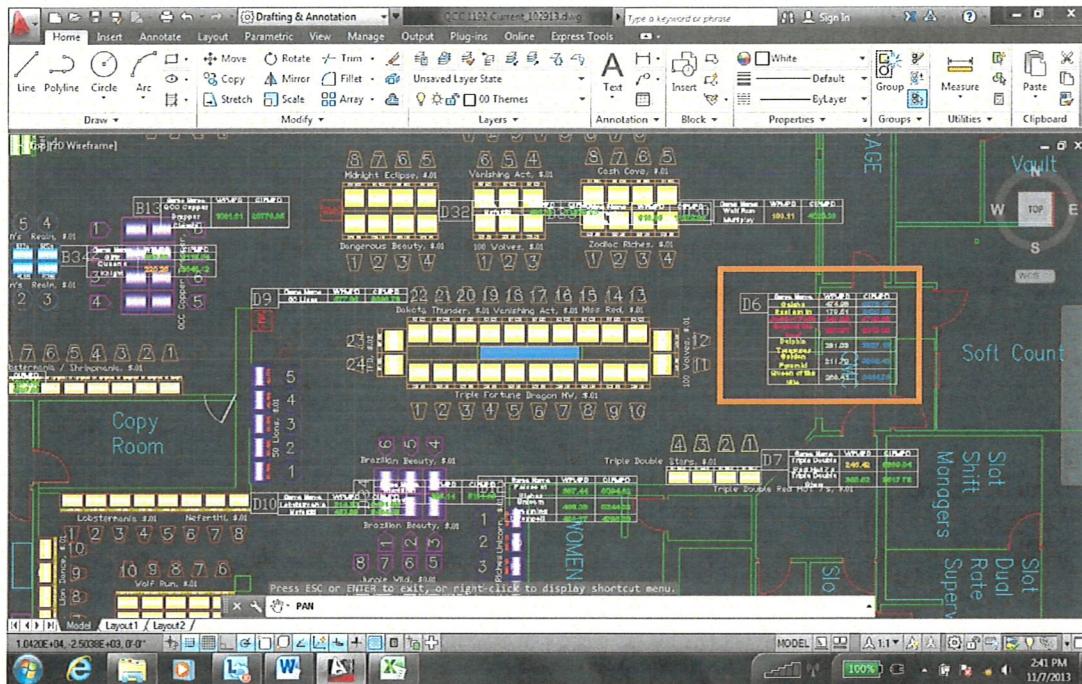
- Type APPLOAD in the AutoCAD command line, then hit enter - the Load/Unload Application dialog will appear. Follow the sequence of numbered steps in the screenshot to update the tables in the CAD drawing. See below the screenshot for a description of each numbered step:



- 1) Browse to the folder that your Governor file lives in, you will see Update.lsp
 - 2) Click on Update.lsp
 - 3) Notice that the *File Name* field will be populated with your selection from step 2
 - 4) Click the Load button
 - 5) Ensure that the *Update.lsp has been successfully loaded* message is present before proceeding
 - 6) Click the Close button to fire off the update process.
- After step 6 above you will see the screen go blank – this is expected. The data mapping process will take about a minute during which time you can see status of the operation in the lower left:



- Complete – you will see that the data from the Governor file has been mapped to the CAD drawing, displayed in tabular format next to each bank:

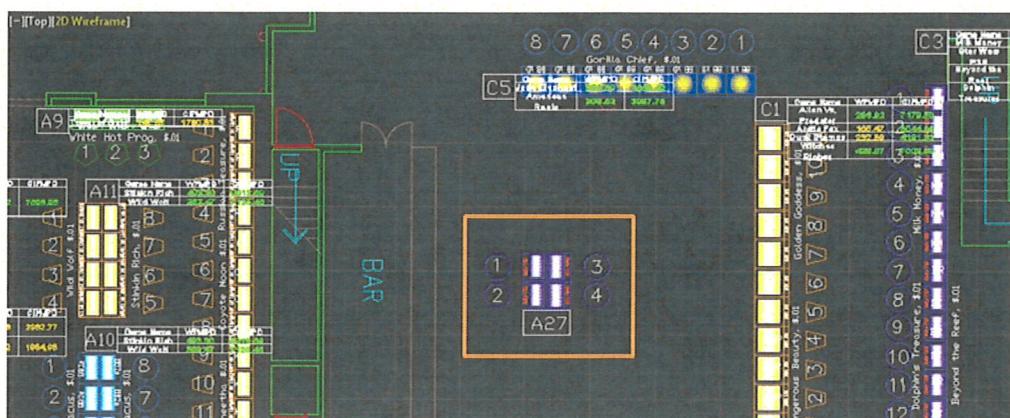


Workflows

Adding a new Bank and Data Table to the CAD drawing

EXAMPLE: In this example, you will add a new bank – A27 – along with the required Excel data link to the drawing. The new bank will belong to Bally and have one theme - Star Castle - and 4 machines:

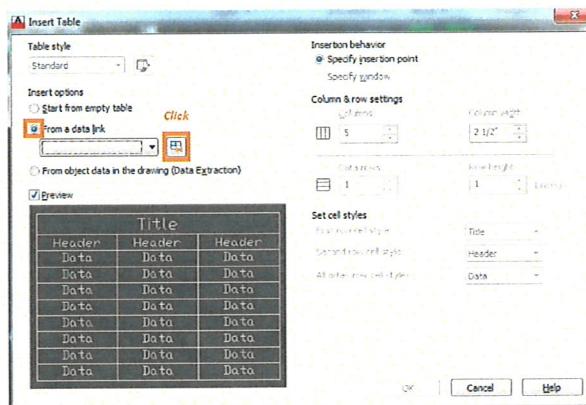
- Add the new Bally bank to the CAD Drawing. In this example, A15 was copied and pasted, then edited to make A27.



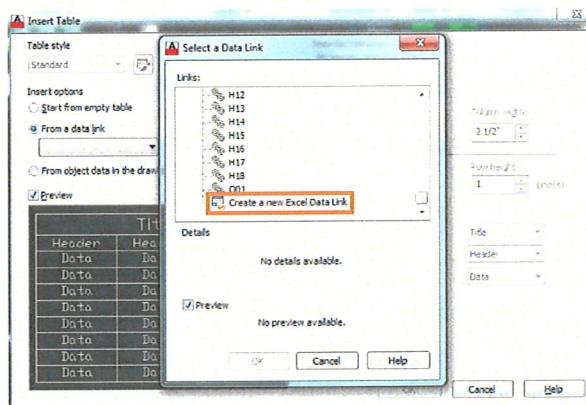
- Add a data table for A27 next to the new Bank
 - Open Governor.xlsx and import the Slot Mix excel file containing data you'd like to map onto the drawing. In this example, the slot mix has a new bank – A27:

| Enter threshold values in yellow cells: | | | |
|---|------------|-----------------------------------|------|
| | WMPD | CIPMD | Bank |
| \$100.00 | \$1,000.00 | Threshold Import Report | |
| \$250.00 | \$3,000.00 | House avg Recns Threshold / Apply | |
| Game Name | WMPD | CIPMD | Bank |
| Tempest | 244.75 | 5041.80 | A19 |
| Game Name | WMPD | CIPMD | Bank |
| StarCastle | 276.00 | 5019.73 | A27 |
| Game Name | WMPD | CIPMD | Bank |
| 100 Ladies | 164.40 | 3775.68 | B02 |
| Goldfish | 189.94 | 2946.64 | B02 |

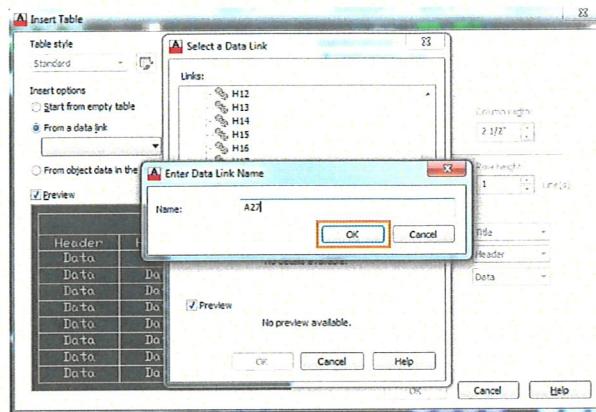
- Create an Excel Data Link and corresponding Data Table for the new bank:
 - Type TABLE in the AutoCAD command bar and then hit enter. This brings up the new table dialog. Select the *From a data link* radio button, then click the new datalink icon:



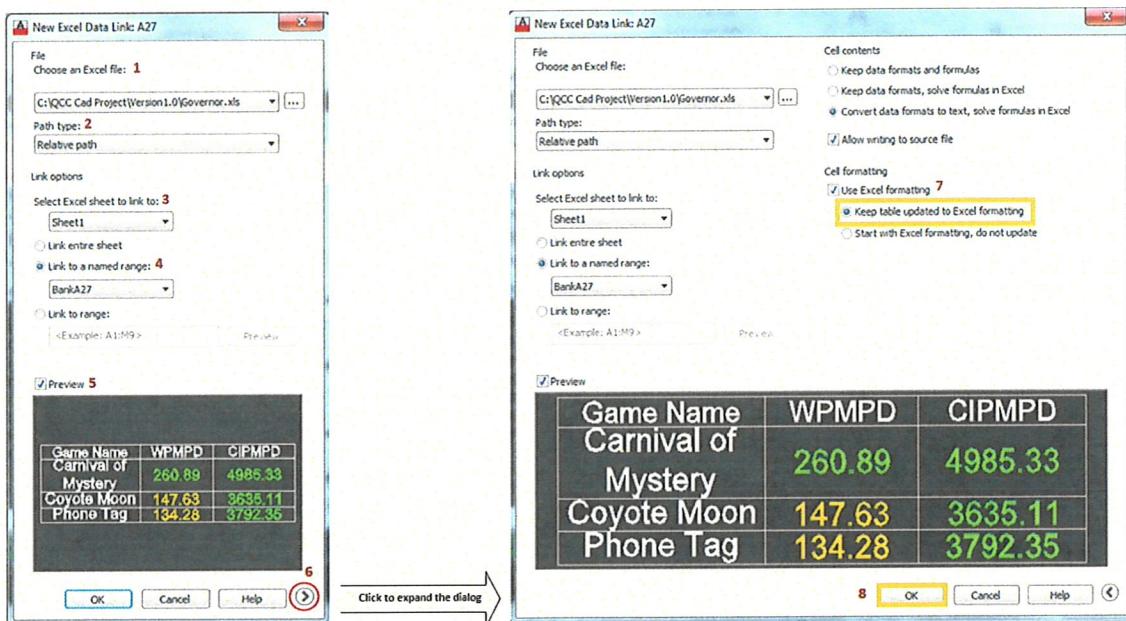
- Scroll down to the bottom of the list of existing data links and choose *Create a new Excel Data Link*:



- Enter the name of the new Data Link – it must match the name of the new Bank as it exists in the Slot Mix file – A27 in this case. Click OK:

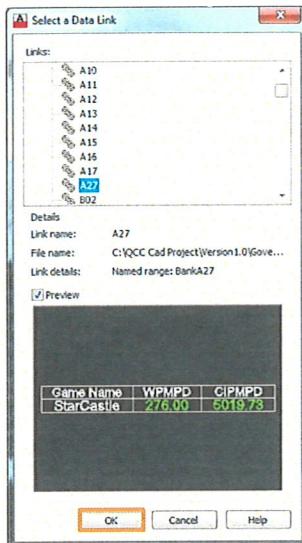


- Fill in the information for the new Excel data link by following the numbered steps in the screenshot (see below the screenshot for a description of each numbered step).

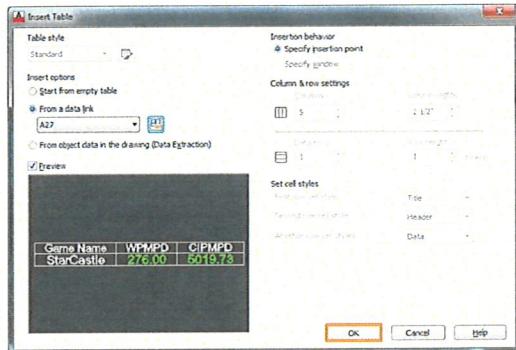


- 1) Choose an Excel File: Browse to and select the Governor file
- 2) Path Type: Make sure to choose *Relative Path* - this means that the CAD drawing and Governor file will reside in the same directory. Using this option lets you move the whole SMC solution to a different directory or another machine.
- 3) Select Excel Sheet to Link: choose *Sheet1*
- 4) Link to a named range: Select the new data link excel range – in this case, *BankA27*
- 5) Preview: Toggle at any time to refresh the data (data refresh also happens automatically for the new bank after step 8 below)
- 6) Click the arrow to expand the dialog
- 7) Cell Formatting: IMPORTANT - Choose 'Keep table updated to excel formatting' radio button
- 8) Click OK

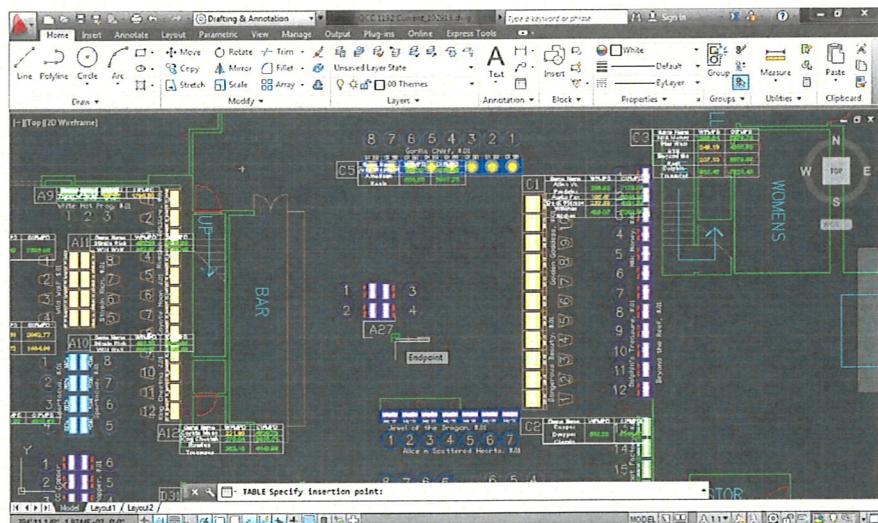
- Now you will see the slot mix data associated with the new data link in the preview window. Click OK:



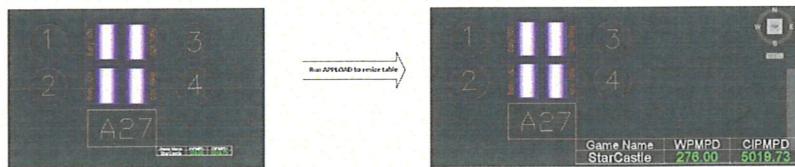
- Click OK:



- At this point you will notice that your cad cursor is armed with a table - drag the table to the desired location next to bank A27. Click once to pin it down:



- After adding the table it will be relatively small. Run an APPLOAD (step 4) to resize the data table:

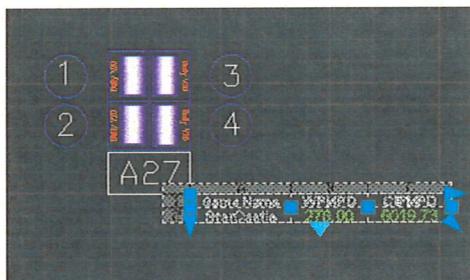


- Complete – New bank A27 along with data table added to the drawing.

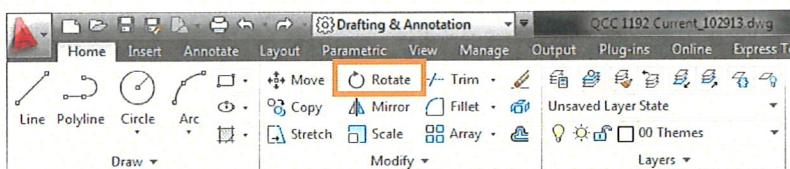
Rotating data tables on the drawing

There is limited real-estate on the CAD drawing. As a result you might need to rotate a bank's data table to maximize visibility and reduce clutter. Here is how:

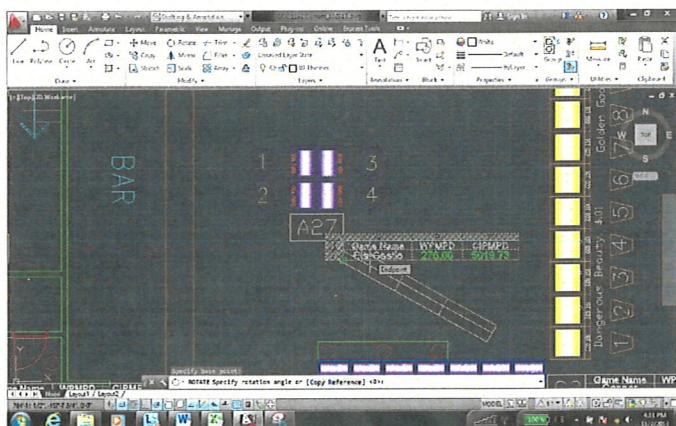
- Select the desired data table by clicking in the upper right corner of the table



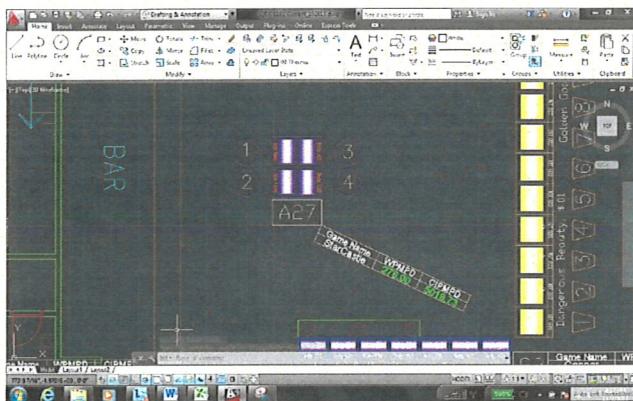
- Click the Rotate button in the AutoCAD ribbon:



- Grab the upper right corner of the table again and move your mouse left or right to rotate it to the desired orientation next to the bank:

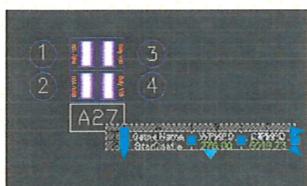


- When you see the table is in the position you want, click once again to pin it down:

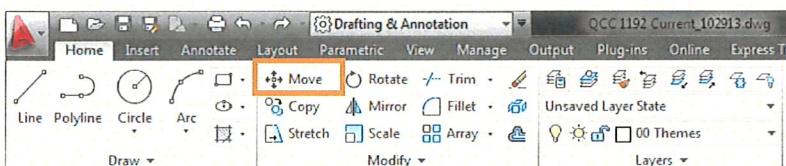


Moving a data table to a new position next to a bank

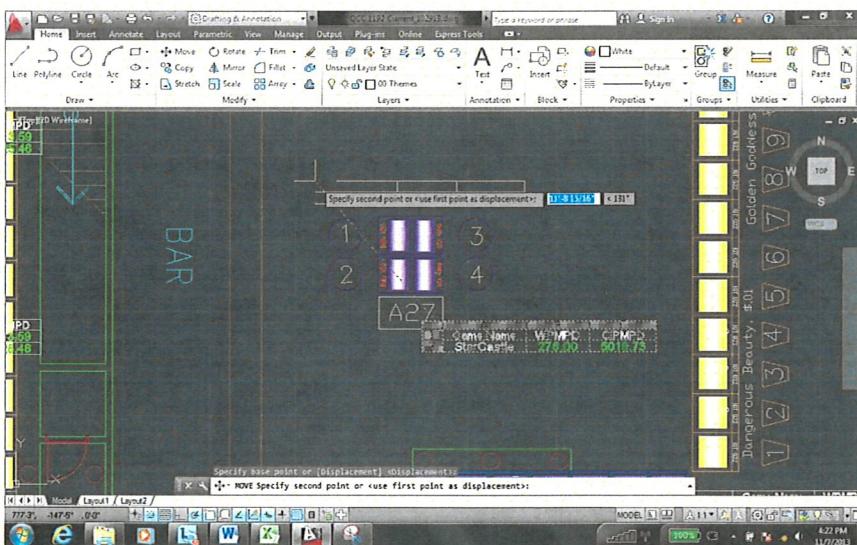
- Select the data table you want to move by clicking in the upper right corner of the table:



- Click the Move button in the AutoCAD ribbon:



- Click the upper right of the table again and drag your mouse until the table is in the position you want:

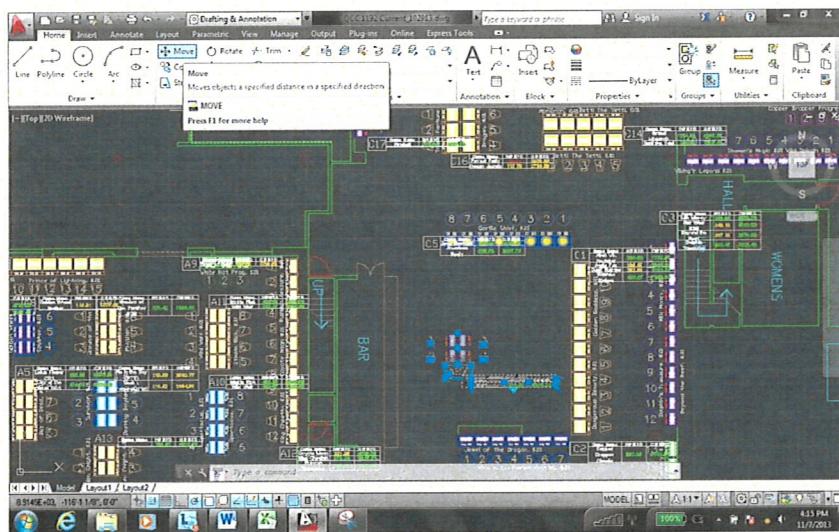


- Click to pin the table into its new position:

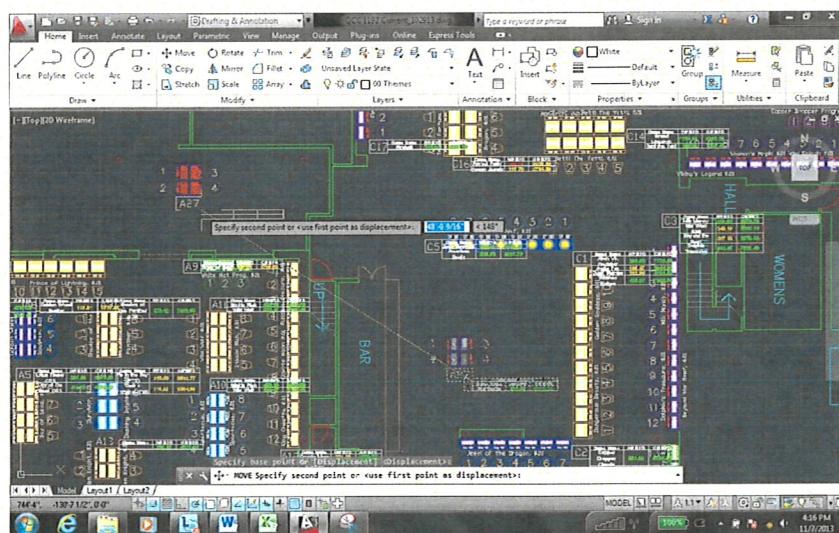


Moving a Bank and Data Table to a different location on the drawing

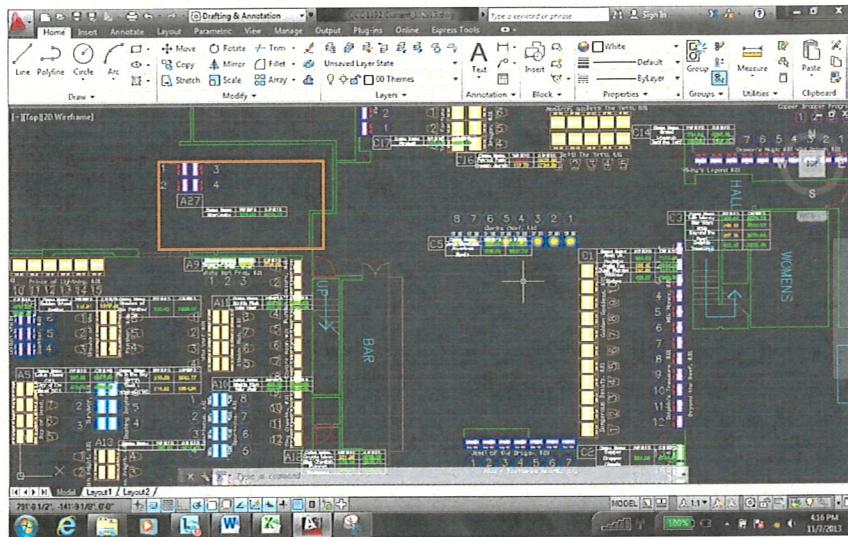
- On the CAD drawing, use your cursor to select the whole Bank along with Data Table , then click the Move button in the AutoCAD ribbon:



- Click the left corner of the table and move your mouse until whole ball of wax is in the position you want



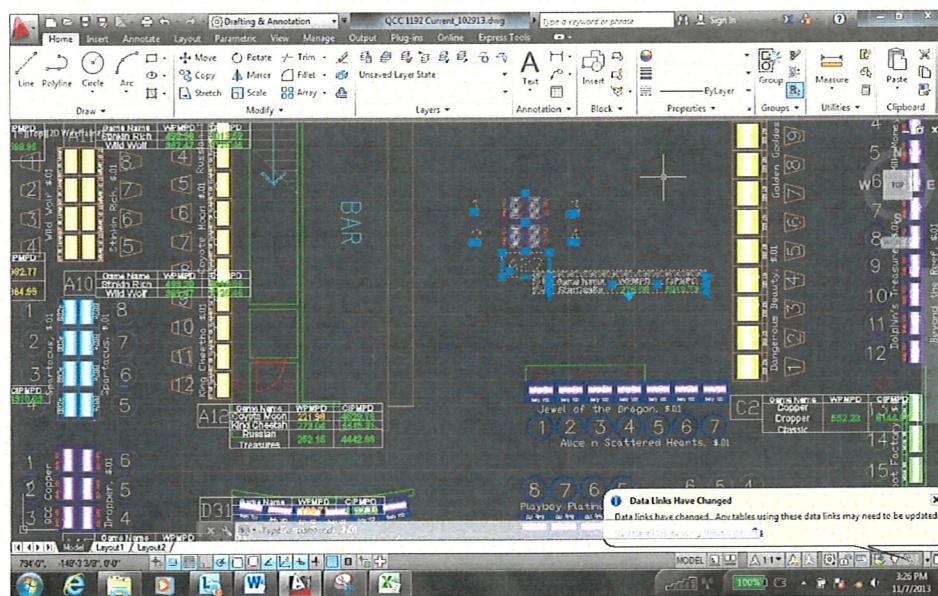
- Click again to pin the Bank and data table at the new position:



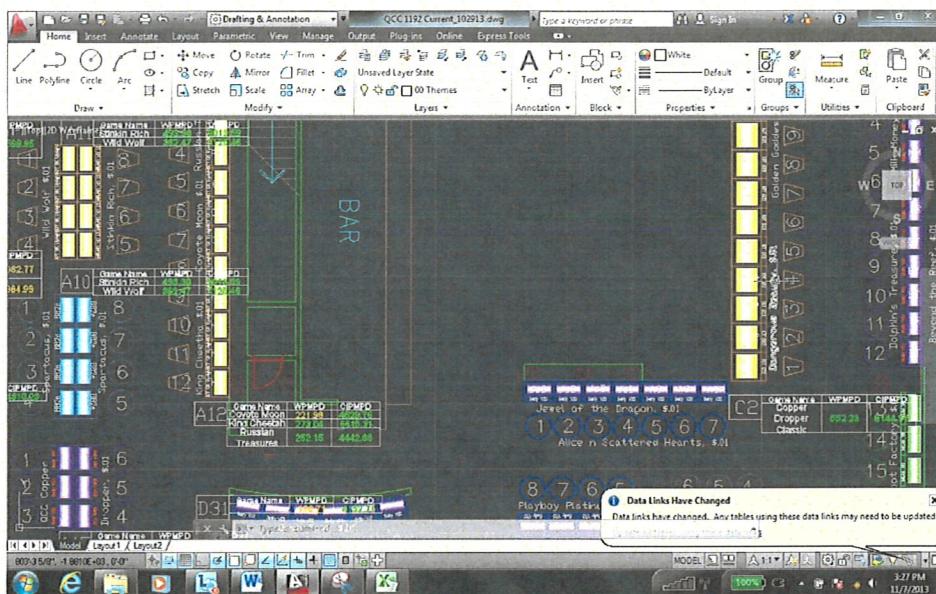
Removing a Bank and data table from the drawing

Sometimes a bank goes away. If this is the case, you can remove the bank and data table from the drawing as follows:

- On the CAD drawing, use your cursor to select the whole Bank along with Data Table



- Click the DELETE button on your keyboard – both Bank and Table will be removed.



NOTE: The data link for this bank still exists under the hood– that's ok. Leave this data link and it will be ready to go in the event that this bank comes back into the picture down the way.

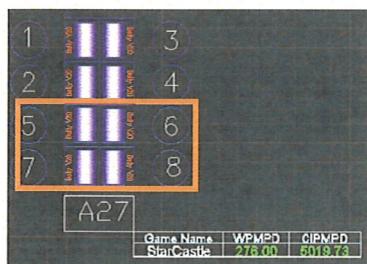
Bank Transformations

What happens if an existing bank changes after an LOI? For instance, an existing 4 pack with one theme becomes an 8 pack with two themes, or vice-versa? Or maybe an 8 pack with 2 themes becomes an 8 pack with one theme?

No problem here - if you have a functional Excel data link for the bank, changes to the Bank's themes down the way will automatically be reflected in the data table on the CAD drawing after an APPLOAD.

Example: A new LOI came in instructing you to add 4 machines to bank A27. These new machines will have a different theme (ZAXXON), so the bank will be transformed from a 4 pack with one theme to an 8 pack with two themes.

- Add the four new machines to Bank A27 on the CAD drawing. (NOTE: at this point the table will not yet reflect the new theme info, this happens in the next step):



- Upload the latest Slot Mix into the Governor file - notice the new theme ZAXXON appears. Do an APPLOAD to automatically update the data table with the new bank info:

The screenshot shows the AutoCAD Governor interface with a linked Excel table. The table has columns for Game Name, WPMPD, and CIPMPD. It contains data for Tempest, StarCastle, and ZAXXON. A yellow box highlights the first two rows. Below the table is a schematic of a bank with 8 slots labeled 1 through 8. An arrow points from the table to the schematic with the text "APPLOAD adds new info to table automatically".

| | WPMPD | CIPMPD | |
|------------|------------|--------------------------------------|------|
| \$100.00 | \$1,000.00 | Threshold Import Report | |
| \$250.00 | \$3,000.00 | House avg Re-color Threshold / Apply | |
| Game Name | WPMPD | CIPMPD | Bank |
| Tempest | 244.75 | 5041.80 | A19 |
| Game Name | WPMPD | CIPMPD | Bank |
| StarCastle | 276.00 | 5019.73 | A27 |
| ZAXXON | 189.00 | 3975.71 | A27 |

Appendix A - About Excel Data Links

Data Links to Excel provide a bi-directional synchronization between AutoCAD and specified Excel named ranges resulting in data tables that can be positioned on a CAD drawing. When data changes in the linked excel named range, the changes are reflected in the table on the drawing after an update (APPLOAD).

Therefore, in order to display the proper financial info table next to a bank on the drawing, there must be an AutoCAD Excel Data Link defined for the bank pointing to the corresponding Excel named range in the Governor file.

NOTE: If you want to manage the existing Excel data links that are defined in the AutoCAD drawing, type DATALINK into the AutoCAD command bar and hit enter. You will notice one data link for each of the banks on the CAD drawing. Clicking a link in the list will show you a preview of the data associated with the link.

You can delete an existing Excel data link in the list by right clicking and choosing Delete (you might do this if you notice an existing Bank has the wrong data associated with it – in this case you can delete the bad data link and recreate it appropriately)

