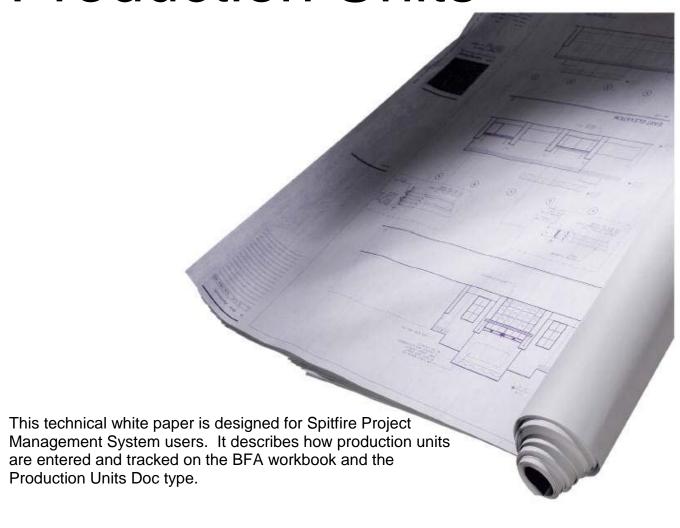


Working With Production Units



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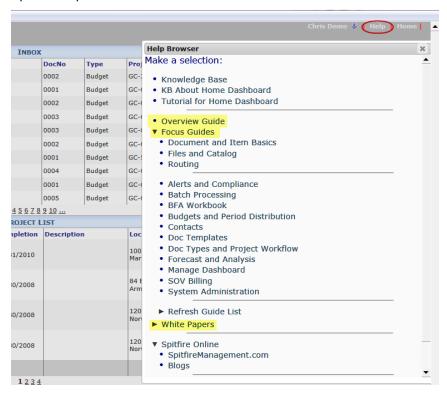
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Introduction

This technical white paper describes how you would set things up to include production units in your budget, forecast and analysis and how the Production Units Doc type is used to record completed production across the life of the project.

This technical white paper assumes you have a basic understanding of sfPMS in general and the BFA workbook in specific. If not, please read the *Overview Guide* and the *Focus on the BFA Workbook* guide first.

All documentation referred to within this white paper can be found on the Spitfire Help menu.



Note: This technical white paper also assumes you can open and use Microsoft Excel. Anyone without a good understanding of Microsoft Excel should take the time to learn that application before attempting to create a supplemental workbook.

Note: aside from possible updated pictures, the information herein is the same as the information in the V4.3 documentation.

Overview

The Spitfire Project Management System (sfPMS) can help you with dynamic production tracking—listing specific production tasks, establishing production units, setting production targets and then tracking both quantity and cost.

- Units can be included in the BFA workbook.
- Production Unit documents allow you to enter actual units.
- Units are tracked in real-time on the BFA workbook.

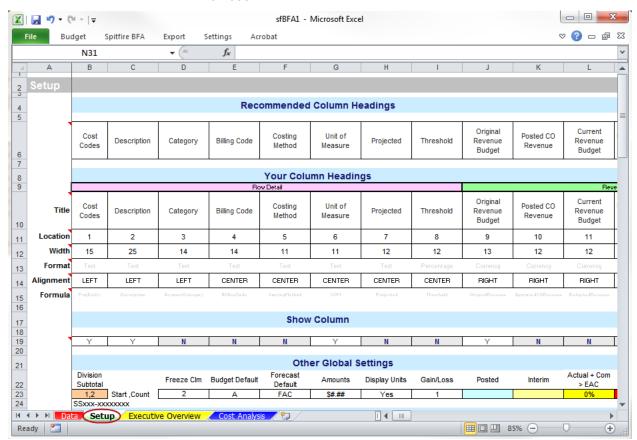
Units on the BFA Workbook

You may have to change the settings on your BFA workbook in order to see the unit-related columns. The BFA workbook offers the following unit-related columns:

- Unit of Measure
- Original Units
- Revision Units
- EAC Units
- Manual EAC Change Units
- Original Units Change Results
- EAC Unit Change Results
- EAC Cost/Unit
- EAC Hours/Unit
- EAC Units/Hour
- Actual Units
- Declared Units
- Actual Units Prior Year
- Actual Units Prior Period
- Actual Units Current Year
- Actual Units Current Period
- Actual Cost/Unit
- Actual Hours/Unit
- Actual Units/Hour
- % Complete Units
- Calculated FAC Units
- FAC Gain/Loss Units
- Working Units
- Working Cost Per Unit
- Working Hours Per Unit
- Working Units Per Hour
- Last Posted FAC Units
- Working Gain/Loss Units

Setup

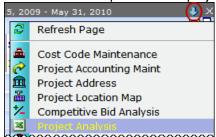
Make visible all the unit-related columns that you want to include in the BFA workbook, in its three modes (Budget, Forecast and Project Analysis). You do this configuration on the Setup worksheet on the BFA workbook.



For complete information, see the instruction in the <u>Focus on the BFA</u> <u>Workbook</u> guide.

To set up Unit columns:

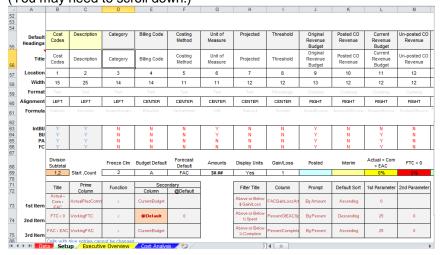
Open the BFA workbook in Project Analysis mode.
Note: you need to be on a project with an approved budget.
This can be a template or fake project created just for setup.



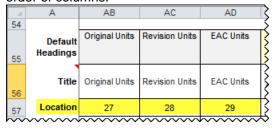
2. Select **Site Settings** from the Settings ribbon:



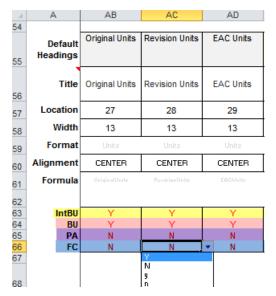
This will display the site settings area on the Setup worksheet. (You may need to scroll down.)



3. For each column that you want displayed, make sure the location is greater than zero. Change the location number to change the order of columns.



 For each column, select Y if you want the column displayed in IntBU (Initial Budget), BU (Budget), PA (Project Analysis) and/or FC (Forecast) modes.

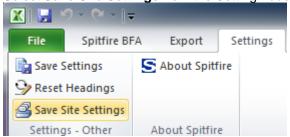


5. Scroll up to the **Other Global Settings** section and set Display Units to **Yes**.



Note: To hide all unit columns for a particular project, project managers can change the Display Units option to **No**.

6. Select **Save Site Settings** from the Setting ribbon.



7. Save the Site Settings file to your desktop then upload the file to the Template library. (For more information, see the Templates chapter in the <u>Focus on the Manage Dashboard</u> guide.)

Budget

When you enter your budget information on the BFA workbook, enter your Unit of Measure and Original Unit information on both the Cost Code and Account Category levels.

(For more information on entering a budget, see the <u>Focus on Budgets</u> <u>and Period Distribution</u> guide.)

	Α	В	F	1	K	Р	Q
1 2 3	© Copyright 2007-2012 Spi DEMO The Hotel	tric Management, LLC, All Rights Reserved. Initial Budget (0001) (Y,Y)					
4	GC-506						
5	Totals as of:	7/17/2013 @ 10:44 AM			\$0.00	\$0.00	\$37,600.00
6	Filter:	Show All			\$0.00	\$0.00	\$37,600.00
7	Cost Codes	Description	Unit of Measure	Original Units	Original Revenue Budget	Actual Revenue	Original EAC
9	02050-01	Demolition	CY	3,000	\$0.00	\$0.00	\$1,500.00
10	02050-01	_LABOR	HR	60	\$0.00	\$0.00	\$1,500.00
11	02050-02	Demolition - Fixtures	EA	300	\$0.00	\$0.00	\$3,600.00
12	02050-02	_LABOR	HR	120	\$0.00	\$0.00	\$3,600.00
13	08000-01	Doors	EA	50	\$0.00	\$0.00	\$9,250.00
14	08000-01	_LABOR	HR	100	\$0.00	\$0.00	\$3,000.00
15	08000-01	_MTRL PERM	EA	50	\$0.00	\$0.00	\$6,250.00
16	08000-02	Windows	EA	75	\$0.00	\$0.00	\$23,250.00
17	08000-02	_LABOR	HR	150	\$0.00	\$0.00	\$4,500.00
18	08000-02	_MTRL PERM	EA	75	\$0.00	\$0.00	\$18,750.00

When your budget is ready, Approve the Budget document.
The Production Units Doc type will not work properly unless there is an approved budget.

Production Units Documents

Throughout the life of your project, you can update your unit information through Production Units documents.

Note: The Production Units Doc type may need to be made active at your site. Doc types are made site-active through the Doc Types tool on the System Admin Dashboard.



To use a Production Units document:

- 1. Start a new Production Units document on your project.
- 2. Click to save the document. The system will gather the current financial snapshot information:



3. Select Get Existing from the Items Options menu:



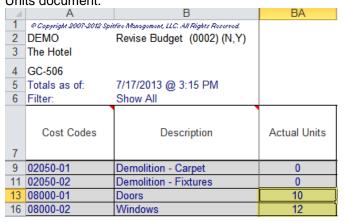


Your budget cost codes will be listed.

- 4. Click the All Filters checkbox to expand all filters.
- 5. Specify a **UOM** filter. For example, enter a specific Unit of Measure such as **CY** (cubic yard) or enter % for all cost codes with a unit of measure.
- 6. Select the applicable cost codes for this Production Units document and click Return
- 7. Click \(\sqrt{ to Add Items}. \)
- 8. Back on the Items tab, enter the current **Units**.



- When the document is ready for approval, change the status to Approved and save the document.
 - When the Production Units document is approved, the cost codes listed within its Items are updated on the next BFA workbook snapshot to reflect the corresponding unit amounts. Specifically, the Actual Units column shows the unit amounts that were entered on the Production Units document.



The Production Units Report

You can access a Production Units report from the Production Units document.

• Select Report from the Document Options menu.



