Using the Multiple Components Feature in Facilities 7

Using the Multiple Components feature in F7 is not only easy, but gives you a powerful tool to create components at a detail level, taking advantage of the multi-level database in F7. This allows you to have detail, but, at the same time, still be able to view reports at a master component level. Our competitors with their "flat" database structures can't achieve this level of sophistication.

Let's say that you initially set up asphalt shingle roofs as a single line item, because you thought they would all be replaced at the same time. Now you're discovering that each building has aged differently, and they will not all be replaced at the same time.

Simple solution. We open the component edit screen and go to the "Tracking" field, which is now set at "Single Item" and "1" (this is the default). We are going to change the quantity to 8, for our 8 buildings. You will note that is also changes the description to "Multi items." We also need to change the quantity from 22,400 (in total) to 2,800 (for each building). The unit cost remains the same.

Simply entering the "8" causes the 7 additional blank component lines to appear. Next step is to modify each of these lines.

Edit/Delete Reserve Item

Common Area - Logistic

View Menu	⌃
Component Data	
Item Notes	

Update	⌃
Save	
Close	
Delete	

Description   Roof - Asphalt Shingle   Category   Roof

Item Number   10   NA

Exclude Inflation ☐

Estimated Useful Life   35:00

Measurement Basis   Square

Basis Cost   67.000

Tracking   Multi Item   8

Method   Fixed

Component Data

Code	Service Date	Replace Date	Replace Yr:Mn	Quantity	Current Cost	Future Cost
920-001-0010	07/01/2004	07/01/2039	24:06	22400.00	1,500,800.00	1,915,122.15
920-002-0010	/ /	/ /			0.00	0.00
920-003-0010	/ /	/ /			0.00	0.00
920-004-0010	/ /	/ /			0.00	0.00
920-005-0010	/ /	/ /			0.00	0.00
920-006-0010	/ /	/ /			0.00	0.00
920-007-0010	/ /	/ /			0.00	0.00
920-008-0010	/ /	/ /			0.00	0.00

Here we have entered dates, revised quantities, and added a description in the "Location" field (optional)

Edit/Delete Reserve Item

Common Area - Logistic

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Component Data	
Item Notes	

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Save	
Close	
Delete	

Description   Roof - Asphalt Shingle   Category   Roof

Item Number   10   NA

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Component Data

Code	Service Date	Replace Date	Replace Yr:Mn	Quantity	Current Cost	Future Cost	Description	Location
920-001-0010	07/01/2004	07/01/2039	24:06	2800.00	187,600.00	239,390.27		Building 1
920-002-0010	07/01/1999	07/01/2034	19:06	2800.00	187,600.00	227,771.63		Building 2
920-003-0010	07/01/2000	07/01/2035	20:06	2800.00	187,600.00	230,049.34		Building 3
920-004-0010	07/01/2003	07/01/2038	23:06	2800.00	187,600.00	237,020.07		Building 4
920-005-0010	07/01/2001	07/01/2036	21:06	2800.00	187,600.00	232,349.84		Building 5
920-006-0010	07/01/2002	07/01/2037	22:06	2800.00	187,600.00	234,673.33		Building 6
920-007-0010	07/01/2006	07/01/2041	26:06	2800.00	187,600.00	244,202.01		Building 7
920-008-0010	07/01/1998	07/01/2033	18:06	2800.00	187,600.00	225,516.46		Building 8

When you save and close the component edit screen and return to your component list in the work area screen, note that the component list still only displays a single line item for asphalt shingle roofing. The detail only displays in the component edit screen.

The details of the 8 multiple roof components will also appear in selected expenditure and component list reports.