

Dec 2011 COBie2 CMMS/CAFM Challenge ARCHIBUS Consumer Quality Control Worksheet

1. Attendees

15-Nov-2011

- Gary Siroek
- Nick Stefanidakis
- Danielle Love
- Mariangelica Carrasquillo
- Bill East

22-Nov-11

- Gary Siroek
- Nick Stefanidakis
- Bill East
- Mariangelica Carrasquillo

2. Challenge Submission Requirements

Required File	File URL
Logo file	http://projects.buildingsmartalliance.org/files/?artifact_id=2881
Product name	ArchiBus
Product version	19.3
Product commercial availability	Yes
Extent of participation	As noted in slideshow - All
EcoBuild Presentation	http://projects.buildingsmartalliance.org/files/?artifact_id=4416
COBie Configuration Guide	http://projects.buildingsmartalliance.org/files/?artifact_id=4418
COBie Support Contact	http://projects.buildingsmartalliance.org/files/?artifact_id=4416

3. Model Used for Checking

Working models:

2011-10-04-Duplex-Dec2011CobieChallenge-v03-Full.zip

http://projects.buildingsmartalliance.org/files/?artifact_id=4303

2011-10-19-Clinic-Dec2011COBieChallenge-v01

http://projects.buildingsmartalliance.org/files/?artifact_id=4348

Final test model:

4. Quality Assurance Checklist

Sheet	Description	Included	Result
.Contact	May be checked when reviewing warranty or other information below.		
	Verify Total Number of Contacts: 51	yes	Pass
	Verify Example Contact: email: fibrdor@fibrdor.com category: 34-31 11 Manufacturer company: FIB-R-DOR phone: 800-342-7367 Department: Sales OrganizationCode: Fibrdor GivenName: n/a FamilyName: n/a Street: n/a PostalBox: PO Box 13268 Town: Maumelle StateRegion: AR PostalCode: 72113 Country: USA	yes	Pass
.Facility	Verify name of Building: <i>PN 0001</i>	yes	Pass
	Verify category of Building: <i>11-13 24 14: Clinic</i>	yes	Pass
	Verify description of Building: <i>Medical-Dental Clinic</i>	yes	Pass
	Verify Units used for Measurement: <i>meters, square meters, cubic meters</i> This feature is to be updated between the test date and the time of the challenge.	yes	Pass
.Floor	Identify Number of floors in the building: Count: 5 Name: TOF Footing, Roof-Main, Second Floor, First Floor, Site	yes	Pass
.Space	Verify Total Number of Spaces: 269	yes	Pass

	<p>Verify Example Space: Name: 1E16 Category: 13-15 11 34 11: Office Description: BMET Work Station Floor: First Floor GrossArea: 49.58 NetArea: 49.58 Room Tag: (not used for this test) UsableHeight: (not used for this test) SpaceProperties: .attribute checks.</p> <p>ARCHIBUS loads only one work area measurement from the COBie file Net Area. Gross Area is calculated from the drawings which is not part of this Challenge event.</p>	yes	Pass (with note)
	<p>Verify Space Type Count: Number of Spaces of type: 13-15 11 34 11: Office: 61</p> <p>Configuration guide will include note to update "area totals" following import.</p>	yes	Pass (with note)
	<p>Verify Example Space: Name: 1C05 Category: 13-41 41 14: Physical Examination Room Description: Visual Field Floor: First Floor GrossArea: 11.34 NetArea: 11.35 Room Tag: n/a UsableHeight: n/a SpaceProperties: .attribute checks</p>	yes	Pass
	<p>Verify Space Type Count: Number of Spaces of type: 13-41 41 14: Physical Examination Room: 6</p>	yes	Pass
.Zone	<p>Verify zone types: Occupancy</p>	yes	Pass
	<p>Verify spaces in Zones: Spaces in Occupancy Zone: Radiology – 4</p>	yes	Pass

	1B13, 1B15, 1B17, 1B19 Spaces in Occupancy Zone: Housekeeping – 11		
.Type	Verify Total Product Type Count: 155	yes	Pass
	Verify Example Type Information: Name: Door Type A Category: 23.30.10.00: Doors Description: Flush Solid Core Wood - 0915 x 2134mm Asset Type: Fixed Manufacturer: fibrdor@fibrdor.com Model Number: Standard Fib-R-Dor Warranty Guarantor Parts/Labor: both fibrdor@fibrdor.com Warranty Duration Parts/Labor: 2, 0 year Replacement Cost: n/a Expected Life:15 Finish: Solid Core Material: Wood		Pass
	Verify Strong Typing with Instance Count: Number of Door Type A Components: 178	yes	Pass
	Verify Example Type Information: Name: AHU Category: 23.75.35.14.17: Modular Indoor Air Handling Units Description: 63300000 J Asset Type: Fixed Manufacturer: sales@Yorkcom Model Number: AP-500 Warranty Gaurntor Parts/Labor: sales@Yorkcom Warranty Duration Parts/Labor: 1, 1 Replacement Cost: n/a Expected Life: n/a Model Reference: n/a Material: n/a	yes	Pass
	Verify Strong Typing with Instance Count: Total components for this type: 2	yes	Pass

.Component	Verify Total number of components: 3950		Pass
	Verify Example Component Information: Name: Door 2D10 TypeName: Door Type A Space: 2D18, 2D10 Description: M_Single-Flush:0915 x 2134mm:0915 x 2134mm:241581 Serial Number: STRD65401 Installation Date: 2011-10-18T07:00:42 Warranty Start Date: 2011-10-18T07:00:42 Warranty Contact information does currently fully populate across the application. User input may drive integration in future.	yes	Pass (as noted)
	Verify Example Component Information: Name: AHU-2 TypeName: AHU Space: 2D05 Description: M_Air Handling Unit - Split System - Horizontal:63300000 J:63300000 J:570439 Serial Number: AH 250 PXL 4 Installation Date: 2011-01-14T17:02:59 Warranty Start Date: 2011-01-14T17:02:59	yes	Pass (see above)
.System	Verify Total System Categories: 4 Air Distribution – 01, 02 HVAC Cooling System, HVAC Heating System System titles must be pre loaded for the system links to work in the application. Configuration guide will note that this is a coordination requirement with the team delivering the COBie data.	yes	Pass (as noted)
	Verify a Specific System Component List: System Category: 21-51 51 16: Air Distribution System Name: Air Distribution- 02 Component Count: 63	yes	Pass
	Verify a Specific System Component List: System Category: 21-51 51 16: Air Distribution		

	System Name: Air Distribution- 02 Component Names: AHU-2		
.Assembly	Not tested in this challenge	n/a	n/a
.Connection	Not tested in this challenge	n/a	n/a
.Spare	Verify Total Spare Count: 9	yes	Pass
	Verify an Individual Replacement Part Information: Name: 175W Metal Halide Lamp Category: Spare TypeName: Light Fixture M175 Suppliers: sales@lithonia.com Set Number: n/a Part Number: n/a	yes	Pass
.Resource	Verify correct import of Material: Name: Boiler chemicals Category: Material Description: n/a	yes	Pass
	Verify correct import of Tool: Name: Tachometer Category: Tool Description: n/a	yes	Pass
.job	Verify total number of jobs: 5	yes	Pass
	Verify total number of Jobs for Specific Type: Type name: AHU Total Count: 2	yes	Pass
	Verify correct import of full Job Plan: Name: Air Handler Lockout Category: Safety Status: Not Yet Started Type: AHU Description: 1. Turn off power at the control panel. 2. Shut down all auxiliary power to the unit. 3. Check power readings to insure total shut down. 4. Remove safety pin from the panel.5. Kill power to the device. 6. Wait until all moving parts have been STOPPED. 7. Complete task.	yes	Pass

	Duration: 30 minute Start: 2011-09-14T17:02:58 Frequency: 1 year		
	Verify Correct import of Discrete Job Plan: Name: AHU Annual Maintenance Category: PM Status: Not Yet Started Type: AHU Description: AHU PM Duration: 180 minute Start: 2011-09-14T17:02:58 Frequency: 1 year Task Number: 0 Number of Following Tasks: 18 Correct Sequence of Tasks: 1, 2, 3, 4, ... 18	yes	Pass
.Impact	Not tested in this challenge	n/a	n/a
.Document	Verify Documents with Specific Product Type: Type: Door Type A Document Count 4	yes	Pass
	Verify Correct Document Load: Name: Door Type A Product Data Category: Product Data File: Door Type A_ProductData.pdf Description: 0915 x 2134mm	yes	Pass
.Attribute	Verify Space Attributes: SheetName: Space RowName: 1E16 Name: Volume Value: 216.6 Unit: n/a	yes	Pass
	Verify Attribute Count: SheetName: Space RowName: 1E16 Total Count: 8	yes	Pass
	Verify Space Attributes: SheetName: Space RowName: 1C05 Name: Actual Supply Airflow	yes	Pass

	Value: 8.29... Unit: n/a		
	Verify Attribute Count: SheetName: Space RowName: 1C05 Total Count 8	yes	Pass
	Verify Type Attributes: SheetName: Type RowName: Door Type A Name: FireExit Value: false Unit: n/a	yes	Pass
	Verify Attribute Count: Sheet: Type RowName: Door Type A Total Count: 47	yes	Pass
	Verify Type Attributes: SheetName: Type RowName: AHU Name: Voltage Value: 460 Unit: V	yes	Pass
	Verify Attribute Count: Sheet: Type RowName: AHU Total Count: 25	yes	Pass
	Verify Component Attributes: SheetName: Component RowName: 2D19 Name: AssemblyPlace Value: factory Unit: n/a	yes	Pass
	Verify Attribute Count: Sheet: Component RowName: 2D19 Total Count: 4	yes	Pass
.Coordinate	Not tested in this challenge	n/a	n/a

.Issues	Not tested in this challenge	n/a	n/a
.PickLists	Not tested in this challenge	n/a	n/a