

Affinity for Revit App connects program & design for streamlined BIM process

Trelligence Affinity for Revit

Trelligence Affinity™ delivers architectural programming, early design, and design validation analysis tools in a complete desktop application. It optionally includes a full-feature plugin for Autodesk® Revit Architecture, taking the design and design validation processes one step further - through bi-directional data integration that delivers a streamlined end-to-end BIM process.



Trelligence was among the first Autodesk partners to join the Autodesk® Exchange Apps Store that launched in early 2012, offering an **Affinity for Revit app** for Autodesk Revit customers. This app delivers key Affinity functionality, including programming tools, reporting & analysis, and data exchange with COBie, within Revit. Project teams can save time and costs by automating the hand-off process between programmer and designer, making program data instantly available to the designer in Revit. Designers also have access to Affinity's robust analysis engine, which continues to run behind the scene, providing continuous feedback on design validation, and helping to ensure the final design meets the client & project requirements.

Link to Autodesk Exchange Apps Revit Store:

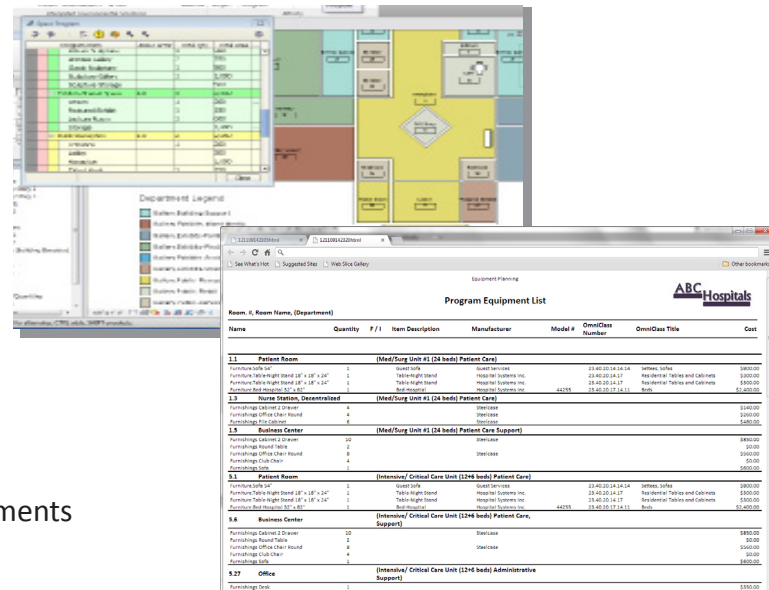
<http://apps.exchange.autodesk.com>

Affinity for Revit App Features

Programming

- Create an Affinity Program (via CSV file import)
- Auto-generate unplaced rooms for use in design layout
- Update the Program Items from within Revit and maintain the link to Revit rooms
- Keep track of departments, including required quantities and sizes (and circulation)
- Keep track of required adjacencies and user input requirements
- Define & track FF&E requirements
- Customize interactive program views

Affinity Program in Revit



Room #, Room Name, (Department)	Quantity	# / 1	Item Description	Manufacturer	Model #	OmniClass Number	OmniClass Title	Cost
1.1 Patient Room (Med/Surg Unit #1 (24 beds) Patient Care)								
Furniture Sofa 14"	1		Global Furniture			23 40 20 14 14 14	Seating, Sofas	\$800.00
Furniture Table w/ 4 chairs 18" x 24"	1		Taylor High Seating	Hospital Systems Inc.		23 40 20 14 17	Seating/ Tables and Chairs	\$300.00
Furniture Table w/ 4 chairs 18" x 24"	1		Taylor High Seating	Hospital Systems Inc.		23 40 20 14 17	Seating/ Tables and Chairs	\$300.00
Furniture Bed Hospital 12' x 80"	1		Hospital Systems Inc.	44355		23 40 20 14 14	Bed	\$1,400.00
1.2 Nurse Station, Decentralized (Med/Surg Unit #1 (24 beds) Patient Care)								
Furniture Cabinet 2 Drawer	4		Steelcase					\$1,400.00
Furniture Office Chair Round	4		Steelcase					\$200.00
Furniture Office Chair	4		Steelcase					\$200.00
Furniture Table	4		Steelcase					\$500.00
1.3 Business Center (Med/Surg Unit #1 (24 beds) Patient Care Support)								
Furniture Cabinet 2 Drawer	10		Steelcase					\$800.00
Furniture Office Chair Round	4		Steelcase					\$200.00
Furniture Office Chair	4		Steelcase					\$200.00
Furniture Table	4		Steelcase					\$500.00
1.4 Patient Room (Intensive/ Critical Care Unit (24 beds) Patient Care)								
Furniture Sofa 14"	1		Global Furniture			23 40 20 14 14 14	Seating, Sofas	\$800.00
Furniture Table w/ 4 chairs 18" x 24"	1		Taylor High Seating	Hospital Systems Inc.		23 40 20 14 17	Seating/ Tables and Chairs	\$300.00
Furniture Table w/ 4 chairs 18" x 24"	1		Taylor High Seating	Hospital Systems Inc.		23 40 20 14 17	Seating/ Tables and Chairs	\$300.00
Furniture Bed Hospital 12' x 80"	1		Hospital Systems Inc.	44355		23 40 20 14 14	Bed	\$1,400.00
1.5 Business Center (Intensive/ Critical Care Unit (24 beds) Patient Care Support)								
Furniture Cabinet 2 Drawer	10		Steelcase					\$800.00
Furniture Office Chair Round	4		Steelcase					\$200.00
Furniture Office Chair	4		Steelcase					\$200.00
Furniture Table	4		Steelcase					\$500.00
1.6 Office (Intensive/ Critical Care Unit (24 beds) Administrative Support)								
Furniture Cabinet 2 Drawer	10		Steelcase					\$800.00
Furniture Office Chair Round	4		Steelcase					\$200.00
Furniture Office Chair	4		Steelcase					\$200.00
Furniture Table	4		Steelcase					\$500.00

Affinity Report Run from Revit

Reporting & Analysis

- Run standard Affinity reports, including: Space Program, Program Difference, and Room Data Sheets
- Analyze design-to-program compliance

Data Exchange

- Import & export COBie files (Program and Design)

Contact Information

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