

PROJECT PROGRAMMING

Resource Planning & Programming

Add **Resources** to your Space and Site Plans – recording existing and projected quantities, levels and requirements. Resources can be defined to meet your needs, including:

- § Department staff numbers by position – for example, number of Managers vs. Professional Staff
- § Individual, named staff members
- § Capacity of a stage / auditorium
- § Seats in a waiting room

Affinity 5.5 allows you to:

- ...plan these resources over multiple phases of a project
- ...automatically calculate projected area requirements based on the number of resources
- ...assign resources to single and/or multiple rooms, departments

Customizable Project Program Views

Manipulate columns of Program information at the click of a button – adding, moving or hiding individual columns.

Filter your views of the Program to display or hide levels of detail – allowing you to configure information for improved presentation, clarity and analysis. View your program by:

- § Space / Area requirements
- § Resources
- § Phases
- § All combined

New and Enhanced Requirement Types

Affinity can track compliance of the design to many types of program requirements. Based on feedback from customers, new types of requirements are included in this release update, including constraint-based and relationship-based requirements. Examples include:

- § All Office-type spaces must include an X type of fitting
- § The facility must contain 1 parking space for each 5 occupants
- § Each X-type room must contain 1 outlet/20 linear feet of wall space
- § The Open Plan space must accommodate all the required cubicles and other contents/objects
- § Room A must near Room B – with an importance factor of X

Enhanced Program Entry & Updates

This release update makes it simple to add more complex, constraint-based program requirements to your space plan, e.g.:

The Classroom must accommodate 20 students @ 24 sq ft each and to easily manipulate program items – by duplicating or moving existing items or entire departments / sub-departments to other levels of the program hierarchy. The Add Program Item dialogue box has also been re-designed for ease-of-use.

SCHEMATIC DESIGN

Create & Present Multiple Design Scenarios

New Scenario capabilities allow the designer to create multiple design scenarios in the same Affinity project file, for interactive review with the client and project team. Each scenario:

- § Can be printed / preserved, and demonstrated
- § Can be reflected in reports for comprehensive and comparative information on estimated costs, areas and quantities, and compliance to program requirements

Advanced Manipulation for Improved Design Visualization

Affinity 5.5 offers color assistance and 'stickiness', enabling quick and easy alignment and snapping of rooms / objects to any other item, line or wall in the 2D schematic design view.

- § Align corner-to-corner
- § Align and snap rooms to other story footprints
- § Snap rooms to setback and other site lines

For quick changes to design layouts, Affinity 5.5 offers several tools for easy manipulation and presentation, including:

- § Re-order stories
- § Duplicate a story floor plan, or a suite of rooms
- § Stretch and shape the building footprint / outer shell

For maximum presentation impact, Affinity 3D provides a logical and intuitive visualization of above and below-ground stories.

Visually organize design views and layouts with the use of color - directly enter RGB color values into the Affinity color palette for spaces, ensuring exact matches to project & firm color standards.

BIM INTEGRATION

Support for Revit Architecture 2009

Affinity 5.5 now includes support for Revit Architecture 2009.

Also supported: ArchiCAD 11, ArchiCAD 10, Revit Architecture 2008

Affinity & Revit Synchronization – more options

The two-way integration between Affinity and Revit can be further refined by the user, to select which entities (e.g. rooms, room objects, site objects) should be synchronized as the design progresses, and ensuring:

- § Faster synchronization performance
- § Increased user control

PERFORMANCE & RELIABILITY

Performance, Reliability, Look & Feel Enhancements

Affinity 5.5 incorporates a number of performance, reliability and look and feel enhancements, increasing user efficiencies, providing proven support for very large, complex projects, and improving the overall user experience.