

Creating Floorplans in RTI

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A. Overview

RTI Integration Designer software allows programmers to import graphics into their projects. Often dealers develop floorplans using third-party software or graphic design services and use them for control in their templates. This method offers intuitive control, especially for larger homes and Sports Bars.

B. Case Uses for Floorplans using RTI Control

- **Restaurant and Sports Bar.** The staff needs to change Television broadcasts and have an overhead view of conditions throughout the establishment. Items such as temperature, channel selection, and lighting require a quick response when customer requests are made.
- **Hotels.** Several areas in the hotel require certain messages via digital signage and proper conditions for guests. Having a floorplan design can easily accommodate new staff while being able to access functionality throughout the large space.
- **Yachts & Ships.** These spaces tend to have a lot of nooks and areas that require proper conditions for staff and guests. A floorplan can be much easier than a vague description.
- **Large Residences.** Utilizing floorplans in large residential projects may allow the client to quickly access and adjust settings throughout the home, improving efficiency and comfort levels. Also, having an overhead view of the property and settings can give clients and families a sense of security.

- **Other.** Audio and Video distribution, Lighting Control, Climate Control, Shades, Security Zones, Energy Management, Surveillance, monitoring children and other family members, and applications that require large spaces with multi-users.

C. Hiring Third-Party Graphic Designers

Hiring a graphics designer to build custom floorplans based on blueprints is possible. There are third-party graphic design companies that specialize in developing floorplans for control systems.

1. **Blackman Signature Designs** – www.blackmancustoms.com
2. **C3 Professional Services** – www.C3-eu.com
3. **Building Automation Solutions** – www.bas-ddc.com
4. **Cubicasa** - <https://www.cubi.casa/floor-plans-smart-homes-iot>

Be sure to check the designer's portfolio for style, quality, and integrity that fits your budget.

Does your business design floorplans? Let us know and we can add you to the list.

D. Creating Floorplans with Software

Several resources allow custom integrators to create their floorplans, saving the expense of hiring outside services. While no graphic design experience is necessary, some of these options require some training and practice.

- **Smartdraw Online Floor Creator** – smartdraw.com
- **Floorplanner** – floorplanner.com
- **SketchUp** – sketchup.com
- **Rook Sketcher** – roomsketcher.com
- **Gliffy Floor Plan Creator** – gliffy.com
- **Cad Pro** – cadpro.com
- **ConceptDraw** – conceptdraw.com
- **DreamPlan Restaurant Design Software** - www.nchsoftware.com/design/restaurant.html

E. Examples of Floorplan Concepts

Here are some control interfaces that are using floorplan designs.



