iBwave
3D Modeler

MAXIMIZE YOUR TEAMS' EFFICIENCY AND REDUCE SOFTWARE & ENGINEERING COSTS
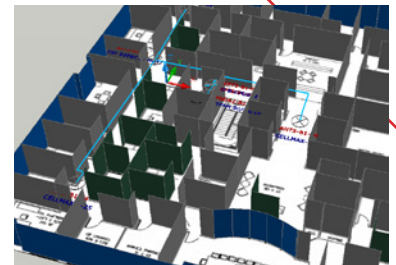
iBwave 3D Modeler helps you leverage your teams by enabling CAD specialists and architectural drafters to take over the 3D modeling process, thus freeing up RF engineers to devote their time to tasks that require their engineering skills and expertise.

During the pre-design phase, iBwave 3D Modeler allows teams to prepare accurate 3D building models with AutoCAD® import support and material assignment, including exporting to Google Earth and AutoCAD® format. The seamless exchange of projects between iBwave 3D Modeler and iBwave Design Enterprise allows the appropriate teams to focus on their core tasks, resulting in improved efficiency as RF engineers and CAD drafters focus on their specialties.
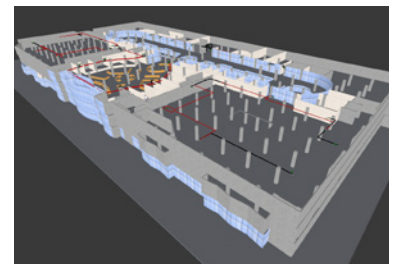
Architecture and construction professionals can consult detailed network designs for their construction plans and can even make changes to the building model or as-built design as necessary, to reflect onsite obstacles. Comments and pictures can also be added and created post-installation.

OPTIMIZE TO MAXIMIZE DELIVERY PERFORMANCE

Optimize the use of your workforce: allow CAD specialists to create 3D building models and transfer them to RF engineers for DAS design, to optimize their time and skillset

Design phase collaboration: seamless exchange of building models and network designs back and forth between CAD specialists and RF engineers for corrections improves communication and collaboration

Project management integration: iBwave 3D Modeler is available as part of the iBwave Unity project management platform
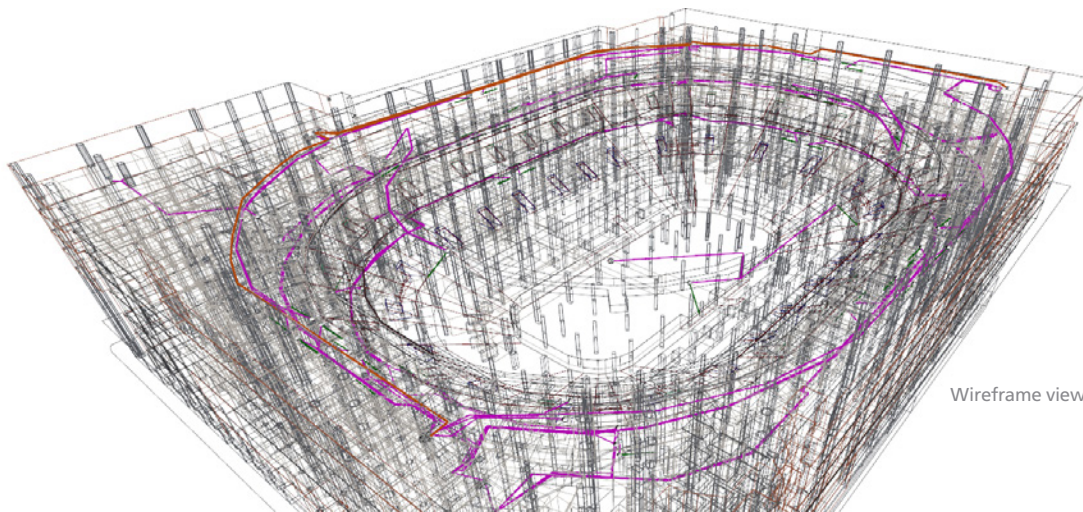

Building render with view of floor plan

Shopping mall model

Large venue modeling

Wireframe view

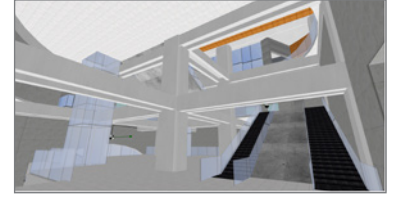# iBwave 3D MODELER software features

IMPORT/EXPORT FLOOR PLANS
Import floor plans from .dwg, .dxf, .jpeg, .bmp, .tiff, .gif or .pdf files
Set floor plan to scale
Export floor plans to .dxf
Assign materials to .dwg layers

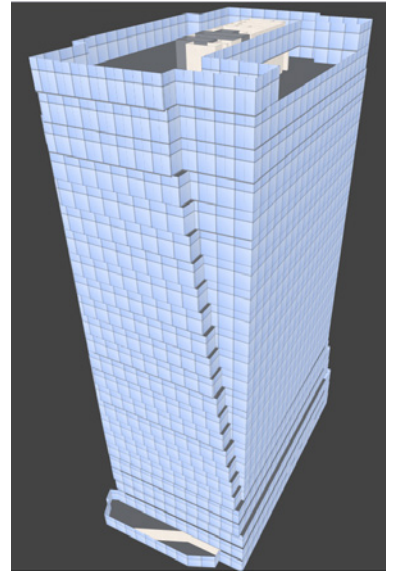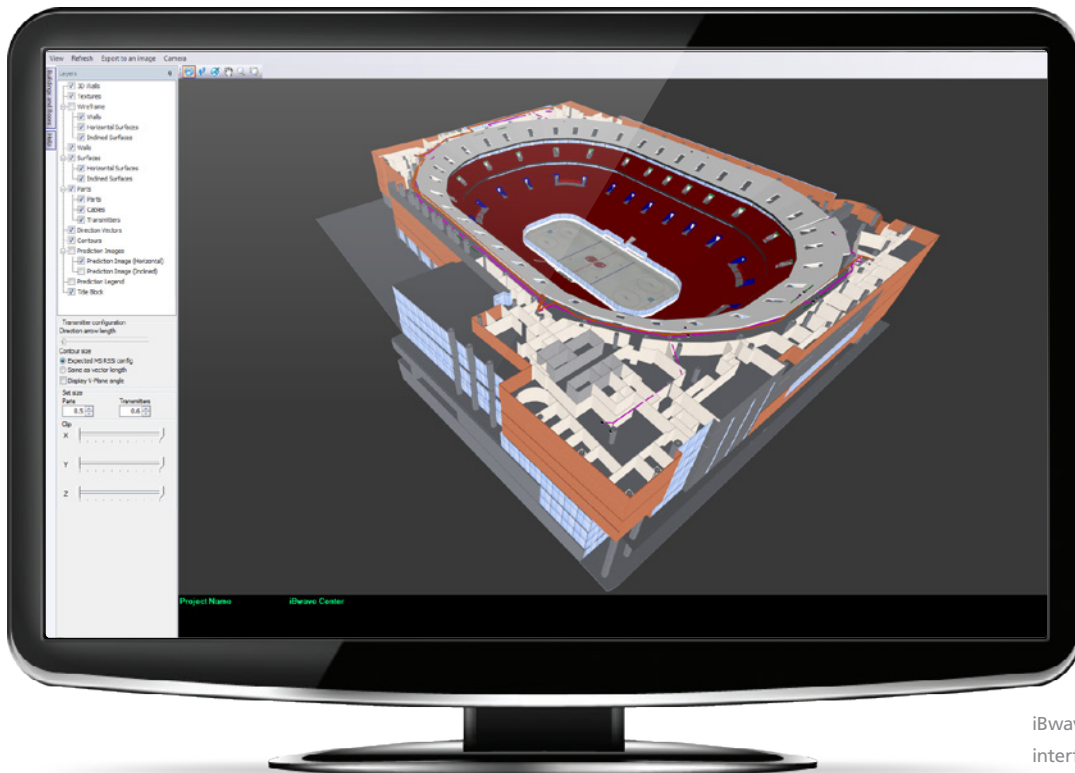| **BUILDING VIEWING AND MODELING** |
|---|
| Create, modify and delete building entities and Layout plans |
| Modify building properties |
| Ability to duplicate Layout plans |
| Draw lines, rectangles and polygons |
| Add text and images to floor plan |
| Calculate length and area |
| Add, move and delete legends |
| Draw walls and assign materials from built-in material list |
| Draw horizontal and inclined surfaces and assign materials from built-in material list |
| Manipulate walls, horizontal and inclined surfaces |
| Show floor plan and building in 3D |
| Export building to Google Earth |
| Create elevation view of building in Design plan to assign components to floor |

PROJECT DOCUMENTATION
Create, duplicate and save projects
Manage revision history
Ability to duplicate Picture plans
Customizable title block for each page
Realistic photo mock-up
Ability to place pushpins in all plans and attach annotations (text, voice, picture, video)
iBwave Mobile Compatible

Inside view of subway

High rise building modeling

iBwave 3D Modeler interface

iBwave