iBwave Field

IBWAVE FIELD: EMPOWERING YOUR ON-SITE TEAM

YOUR field technicians are your eyes and ears on your wireless network from pre-installation to commissioning, acceptance and maintenance. iBwave Field software helps you leverage your on-site team by equipping technicians to take over work normally performed by your RF engineers, leaving engineers free to devote their time to tasks that require engineering expertise.

iBWAVE Field equips field technicians in the pre-design phase of a project to efficiently collect information during initial site surveys. It allows them to import floor plans in a variety of formats and annotate them to identify structural issues and possible equipment locations. They can view and modify the building configuration and properties, add text and images, and calculate length and area while considering landlord issues and restrictions. Technicians can import empirical measurements manually or from leading collection tools. The data can be overlaid onto floor plans to get a clear picture of the indoor areas that need wireless signal improvement. Essentially, iBwave Field allows compiling the necessary information for RF engineers to proceed to the design of networks with iBwave Design software.

FOLLOWING the installation of indoor networks, iBwave Field is used to perform site acceptance and commissioning. Field technicians can validate site requirements by comparing differences between pre-installation and post-installation survey data. Plus, it offers a full range of reports for managing revision history, generating equipment lists, and more. Comments and pictures can be added to create as-built documentation.

For troubleshooting, iBwave Field gives technicians an exact representation of the as-built network overlaid on the building floor plan for quickly identifying sources of problems during the maintenance of networks.

FOR further efficiency, iBwave Field's Modelling Module delivers advanced features that let draughtsmen add more detail to building modelling, such as selecting floor and wall materials, generating 3D floor plans and building models and exporting buildings to Google Earth and to AutoCAD.

Optimize and centralize to maximize performance

OPTIMIZE THE USE OF YOUR WORKFORCE

Transfer data collection to field technicians to optimize their time and provide support to the engineering department.

CENTRALIZE INFORMATION

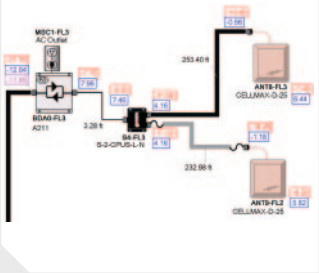
Capture all the information about the site—spot readings, digital floor plans, site measurements and more—for sharing and storage in a single project file.

PINPOINT PERFORMANCE ISSUES

Collect performance data during walk tests for RF engineers to act on.

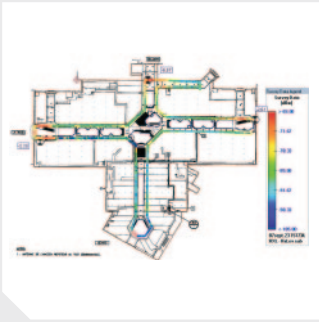
REDUCE THE COST OF SITE SURVEYS

perform site surveys more efficiently with the right tools and reduce travel by engineers by relying on the staff you have on-site.

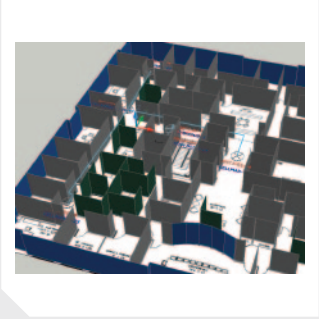


iBwave FIELD, Easier installation and commissioning

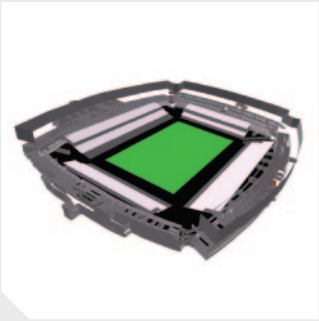
iBwave FIELD, As-built documentation



iBwave FIELD, Analyze measurements route on floor plan



MODELLING Module, Autocad Export - Office building



MODELLING Module, 3D stadium

MORE INFORMED MEANS MORE RESPONSIVE

IMPROVE BUSINESS DECISION-MAKING, ENCOURAGE COLLABORATION AND STRUCTURE WORKFLOW

Create a streamlined process for better collaboration between departments and feedback between your field team and RF engineers.

MAKE MAINTENANCE MORE EFFICIENT

Provide instant access to component specifications and the as-built system.

IDENTIFY COVERAGE ISSUES TO SOLVE PROBLEMS FASTER

Locate and flag site coverage issues for quick resolution.

AND IT'S ONLY GETTING BETTER...

iBwave Field will soon be available in as part of an Enterprise solution that will:

- Encourage synergy and structure workflow, allow for easy interdepartmental collaboration, and let multiple users easily share and update project information.
- Centralize and save field survey data quickly and securely.
- Allow complex data mining and reporting across simultaneous projects.
- Control versions and file exchanges.

IMPORT FLOOR PLAN	Import floor plans from .dwg, .dxf, .jpeg, .bmp, .tiff, .gif or .pdf file
CALCULATIONS	DAS simulation
DAS EDITING	View / modify network plan properties • View Systems and component Properties • Move Components • Reshape Cable • Show Predicted Antenna Contour • Add pairs of Vias
REPORTING	Equipment List • Cable Routing • Cross Reference • Link Budget
BUILDING VIEWING & EDITING	View Building Properties • Add, duplicate & delete floor plan • View and modify floor plan Properties • Draw lines, rectangles and polygons • Add text and images to floor plan • Calculate length and areas • Export to Google Earth and to AutoCAD
PROJECT DOCUMENTATION	Create, Duplicate and Save Project • View / modify Project Properties • Manage revision history • Print project documentation
RF MEASUREMENTS COLLECTION	Manual input of RF measurements
EMPIRICAL MEASUREMENTS IMPORT	Import Survey Data • Import a Trace Route & Display Trace Route's Results • Playback Trace Route • Display Result of Data Collections • Manage Survey Data Color Scheme

For more informations, please visit us at **www.ibwave.com**