

| iBwave Integration | | |
|--|---|---|
| Create a new project from scratch or from a template | ✓ | ✓ |
| Download and upload projects from iBwave Cloud or iBwave Unity and work offline | ✓ | ✓ |
| Transfer projects directly to/from iBwave Design through USB | ✓ | ✓ |
| Store up to 10 GB of projects on iBwave Cloud | ✓ | ✓ |
| Share projects from iBwave Cloud by email to external partners | ✓ | ✓ |
| Site Survey | | |
| Display surrounding network signals (Network Scan) | ✓ | ✓ |
| Capture site details, contact information and initial requirements | ✓ | ✓ |
| Create, scale and geolocalize floor plans | ✓ | ✓ |
| Create walls and floor plans | ✓ | ✓ |
| Add geolocated photo, text, video and audio annotations to floor plans | ✓ | ✓ |
| Create geolocated pushpins with photo, text, video and audio annotations | ✓ | ✓ |
| Draw shapes and text on photos | ✓ | ✓ |
| Draw shapes and text as markups on floor plans | ✓ | ✓ |
| Integrate with 3rd party network test tools | ✓ | ✓ |
| Share iBwave floor plans, transmitters & zones to apps on the same device | ✓ | ✓ |
| Display back received measurements on iBwave floor plans | ✓ | ✓ |
| Save survey measurements in the project for access in iBwave Design | ✓ | ✓ |
| AS-BUILT DESIGN | | |
| Submit design changes to iBwave Design for approval: | ✓ | ✓ |
| Update all components location and height | ✓ | ✓ |
| Update antenna azimuth, downtilt and mount orientation | ✓ | ✓ |
| Update cable routes and add measured length | ✓ | ✓ |
| Reporting | | |
| Generate reports from free iBwave Viewer (PDF, PPT, DOC, XLS and more): | ✓ | ✓ |
| Annotations & floor plans | ✓ | ✓ |
| Survey measurements (plots) | ✓ | ✓ |
| Equipment list | | ✓ |
| Prediction maps | | ✓ |
| Generate a report on the mobile device (PDF): | | ✓ |
| Project summary | | ✓ |
| Equipment list (including sub-components, inventory # and cost) | | ✓ |
| Floor plans | ✓ | ✓ |
| Annotations | ✓ | ✓ |
| Output maps | | ✓ |
| Sign-off page | ✓ | ✓ |
| Prediction | | |
| Define the prediction area on floor plans | | ✓ |
| Define multiple attenuation zones with different density levels | | ✓ |
| Define peak capacity zones and set number of clients per floor | | ✓ |
| Run interpolation of survey measurements | | ✓ |
| Run multi-floor prediction for Access Points and Small Cells using VPLE propagation model | | ✓ |
| Consider interfering survey measurements (ex: neighboring & outdoor signal) in prediction maps | | ✓ |
| Prediction Pass/Fail indicator on network compliance KPIs | | ✓ |
| Wi-Fi Design | | |
| Collect passive and active Wi-Fi survey measurements | | ✓ |
| Add Access Points and Network equipment from your Central Database of Components (Over 300 components available from leading OEMs) | | ✓ |
| Automatic Access Points placement with band optimization | | ✓ |
| Automatic multi-floor Wi-Fi channels assignment | | ✓ |
| Technologies: | | |
| Wi-Fi (802.11 a/b/g/n/ac) | | ✓ |
| Frequency bands: | | |
| 2.4GHz & 5GHz | | ✓ |
| Prediction maps: RSSI, SNR, CCI, Capacity, Overlap Zone & Throughput | | ✓ |
| Small Cells Design | | |
| Add Small Cells and Network equipment from your Central Database of Components (Over 1,300 components available from leading OEMs) | | ✓ |
| Automatic Small Cells placement with band optimization | | ✓ |
| Technologies: | | |
| 4G : LTE, WiMAX (802.16) | | ✓ |
| 3G : HSPA+ / HSPA / WCDMA | | ✓ |
| 2G : GSM / CDMA / EDGE | | ✓ |
| Frequency bands: | | |
| 700 / Cellular850 / PCS1900 / AWS2100 | | ✓ |
| GSM900 / DCS1800 / UMTS2100 / 2.6GHz | | ✓ |
| LTE TDD 2.3GHz | | ✓ |
| WiMAX 2.5GHz | | ✓ |
| GPS / UWB / Public Safety 4.9GHz | | ✓ |
| Prediction maps: RSSI, LTE RSRP, CDMA/WCDMA RSCP, SNIR, PDSCH-RP, SS-RSRQ, Capacity, Handoff & Throughput | | ✓ |