

iBwave Portfolio			
Create a new project from iBwave Mobile	✓	✓	✓
Download iBwave Design projects from iBwave Cloud or iBwave Unity and work offline	✓	✓	✓
Upload updated projects to iBwave Cloud or iBwave Unity	✓	✓	✓
10 GB of storage on iBwave Cloud included	✓	✓	✓
Share projects from iBwave Cloud by email to external partners	✓	✓	✓
SITE SURVEY			
Display surrounding network signals (Network Scan)	✓	✓	✓
Create buildings and floor plans	✓	✓	✓
Scale and geolocalize floor plans	✓	✓	✓
Capture project information, client information and initial requirements	✓	✓	✓
Create geolocated pushpins with photo, text, video and audio annotations	✓	✓	✓
Draw and add text annotations on photos	✓	✓	✓
Draw construction markup & cable routes on floor plans	✓	✓	✓
Integrate with 3rd party network test tools	✓	✓	✓
Share iBwave project information	✓	✓	✓
Display all received survey measurements on iBwave floor plans	✓	✓	✓
Save all survey measurements in the project for access in iBwave Design	✓	✓	✓
DAS 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)		✓	✓
PREDICTION			
Define the prediction area on floor plans		✓	✓
Define multiple attenuation zones with different density levels		✓	✓
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, 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			✓
Prediction maps: RSSI, LTE RSRP, CDMA/WCDMA RSCP, SNIR, Handoff & Throughput			✓