FEATURE COMPARISON

	iBwave Mobile SURVEY	iBwave Mobile PLANNER
iBWAVE INTEGRATION		
Create a new project from scracth 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	✔	✔
Internal data collection engine	✔ Collection module	✔
Create, scale and geolocalize floor plans	✔	✔
Create geocoded outdoor 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	✔	✔
SURVEY DATA COLLECTION		
Define interpolation area	✔ Interpolation module	
Run interpolation of survey measurements	✔ Interpolation module	✔
Continuous Walk mode	✔ Collection module	✔
Survey data interpolation pass/fail indicator on network compliance KPIs	✔ Interpolation module	✔
Collect passive cellular survey measurements	✔ Collection module	✔
Collect passive and active Wi-Fi survey measurements	✔ Collection module	✔
Technologies: Wi-Fi (802.11 a/b/g/n/ac/ax), 4G (LTE), 3G (HSPA/UMTS/WCDMA), 2G (GSM/EDGE)	✔	✔
Frequency Bands: All bands supported by the Device	✔	✔
Survey Data Maps: Wi-Fi: RSSI, CCI, Throughtput, LTE: RSSI, RSRP, RSRQ, SNIR, 3G: RSSI, RSCP, EcNo, 2G: RSSI	✔	✔
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	✔	✔
Survey maps	✔ Collection module	✔
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 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		
Add Access Points and Network equipment from your Central Database of Components		✔
Automatic Access Points placement with band optimization		✔
Automatic multi-floor Wi-Fi channels assignment		✔
Technologies: Wi-Fi (802.11 a/b/g/n/ac/ax), Zigbee		✔
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: 5G (NR), 4G (LTE), 3G (HSPA/UMTS/WCDMA), 2G (GSM/EDGE), IoT (ZigBee/LoRa/UWB) and Public Safety (4.9 GHz)		✔
Frequency Bands: All 3GPP Bands and most IoT Bands (depending on the region/country regulations)		✔
Prediction Maps: RSSI, 5G SS-RSRP, LTE RSRP/SNIR, 3G RSCP/EcNo, Throughput, Handoff, Dominance, Capacity		✔