R-Planner
Network Planning Tool

Plan your wireless network roll-out with RADWIN R-Planner to secure optimal coverage and capacity, while minimizing capital and operational expenditures and assuring best utilization of spectrum resources.

Supporting RADWIN's PtP and PtMP portfolio, R-planner is an indispensable tool that provides significant value when planning new projects and evaluating budgets before network roll-out.

R-Planner assures best KPI performance

Using Google maps, R-Planner predicts radio performance by evaluating line-of-sight obstructions, topography, typical weather conditions and self-interference.

R-Planner identifies the best radio sites, indicates the number of radios required and the best frequency parameters to meet KPI requirements.

With thousands of commercial deployments, R-Planner has continuously proved that it provides a high level of planning accuracy.

Customer benefits:

» Plan your wireless network and minimize CapEx and OpEx

» Optimize network KPIs – capacity, spectrum usage and tower sites

» Achieve service performance targets

R-Planner highlights:

Cloud-based application

Main functionality:
› Coverage planning
› Frequency planning
› Network sizing
› Reports & analytics
› Service availability estimation

Support RADWIN's PtP and PtMP products

Access to RADWIN's products catalog

Generate BoM (Bill of Material)

Service Estimation Tool (SET)

RADWIN's Service Estimation Tool (SET) is an integral part of R-Planner. Once planning is completed, SET predicts service availability, providing service performance estimations for potential customer locations.
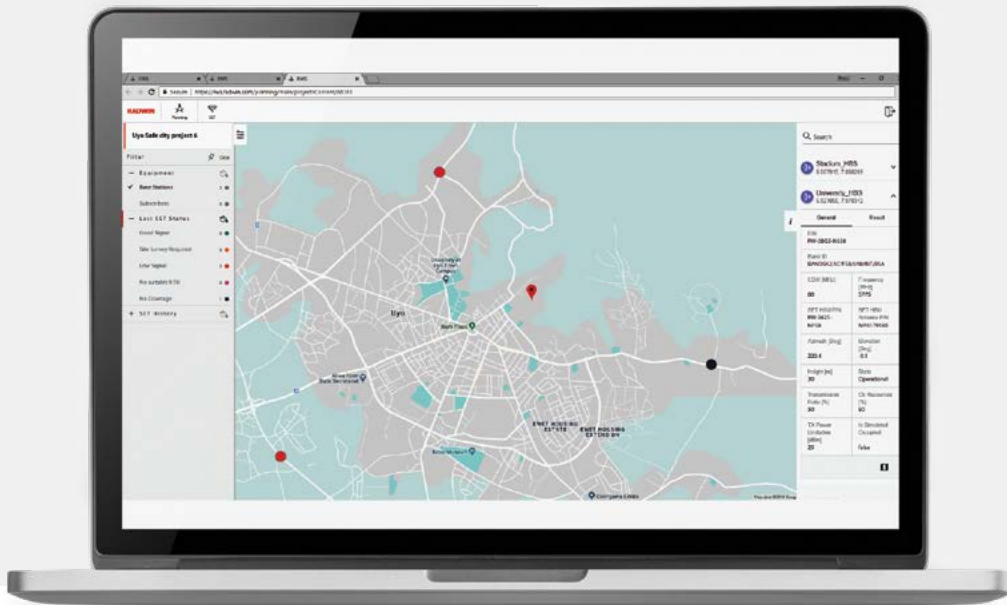
Customer benefits

» Shorten and streamline your services up-sale process

» Cut site survey expenses

» Explore untapped service demand

SET highlights:

Web-based GUI or API

Query Input:
› Latitude & longitude or full address

Query results/response:
› Availability indicators
› Estimated capacity
› Best serving base station ID including direction

"RADWIN's R-Planner is the best planning tool in the market. It's very useful and enables configuring and deploying links very quickly without having to go to the actual site, saving time and money for partners and end-customers."

Mario Vasquez, Nexus, Peru

RADWIN is a leading provider of Point-to-Multipoint and Point-to-Point broadband wireless solutions. Incorporating the most advanced technologies such as a beamforming antenna and an innovative air interface, RADWIN's systems deliver optimal performance in the toughest conditions including high interference and obstructed line-of-sight.

Deployed in over 170 countries, RADWIN's solutions power applications including backhaul, broadband access, private network connectivity, video surveillance transmission as well as delivering broadband on the move for trains, vehicles and vessels.