

comvergent

making networks work



Radio Network Testing and Analysis



MEET TARGETS

Meet SLAs and project targets by accurately measuring network coverage and performance.

QUICKLY IDENTIFY ISSUES

Root-cause analysis pinpoints problems rapidly to ensure networks are highly optimised.

MAKE INFORMED DECISIONS

Make network planning decisions based on real data, saving both time and money.

Customers we have worked
with include:



RF NETWORK COVERAGE & PERFORMANCE TESTING

What We Do

We will first meet with you to discuss your objectives and establish:

- The network type - indoor or outdoor, small cell, macro cell
- The technologies/ services to be tested as part of the project
- The applicable methodology - drive test, walk test, static test, scripted testing
- Specific test equipment requirements
- The extent of network - national, single building, number of sites involved
- Your deadlines
- Delivery of data - what format would be best for you?
- Delivery of reporting & analysis - thematic maps, statistical analysis, fault reporting
- Expected outcome

Based on these requirements, we will then provide a detailed proposal and resource plan.

Following a successful trial stage, in which we test all methodologies in a pilot scenario, our teams then perform the testing, deliver the data and provide the reporting/analysis; all in accordance with your requirements.

Why Comvergent?

Our broad range of industry standard equipment and software which includes Nemo Outdoor, TEMS Investigation, TEMS Pocket (Network Analysis Hardware), TEMS Discovery and MapInfo (Analysis and Visualisation Software Tools), means that any indoor or outdoor cellular network service or technology can be tested and analysed.

Every part of our service is tailored to our customers' requirements, from the planning stage, through to the sophisticated data presentations. Our track record of delivering complex and varied drive test programmes to extremely tight deadlines, whilst maintaining exceptional value for the client, makes us the first choice for telecoms organisations across the UK.

Can Comvergent test indoors?

Yes, we can test coverage/ performance inside a building, either to test cellular signal penetration from outside the building, or to test an in-building solution. We can then provide floor plans with overlaid coverage maps showing the results.

How do I know the test results are accurate?

We use the latest industry-leading equipment and software, independently calibrated (with certification), plus documented test and data processing methodologies. Together, these factors ensure that the data is acquired and processed in a repeatable, consistent and verifiable manner, giving assurance that results are entirely empirical and trustworthy.

How will you provide the data to me?

We can provide the raw logfiles directly from the test system or post-processed data which can consist of statistical information or visual maps, straightforward success/fail scores, SLA-based reporting, RAG status tables or any combination of these.