



# Coverage Assurance Service

**telent**  
talent with technology



# Benchmarking Capabilities



## Service Monitoring and Assurance

24/7/365 monitoring of mobile and fixed connectivity at any indoor or outdoor location



## Calibrated / Indoor Testing

Accessible, user-friendly walk test and in-building survey capabilities



## Calibrated / Drive Testing

Accessible, user-friendly drive testing survey capabilities measurements from dedicated vehicles





# Network Benchmarking

Independently audit MNO Coverage, Resilience, Quality, Capacity within your operational area



- MNO Coverage Benchmarking
- Data and Streaming, Voice
- Areas of Special Interest (Tunnels, Events areas)

Coverage



- By Site/Cell
- By Band
- Identification of areas vulnerable to single faults

Resilience



- RSRQ
- RS-CINR
- Pilot Pollution
- Estimated CQI
- Max Throughput

Quality



- # of Channels
- Available Bandwidth
- RE Loading & Congestion

Capacity



# Independent Calibrated Walk and Drive Testing

A range of approaches are used, including:

- ✓ Automated plug-and-play devices in emergency service vehicles (AutoMobile)
- ✓ Calibrated RF scanners for follow-up “traditional” drive testing and generated reports
- ✓ All data is processed, stored, correlated and visualised within the SmartTools Platform
- ✓ Exports are shared with Users for additional analytical desktop studies
- ✓ Bespoke Reporting capability



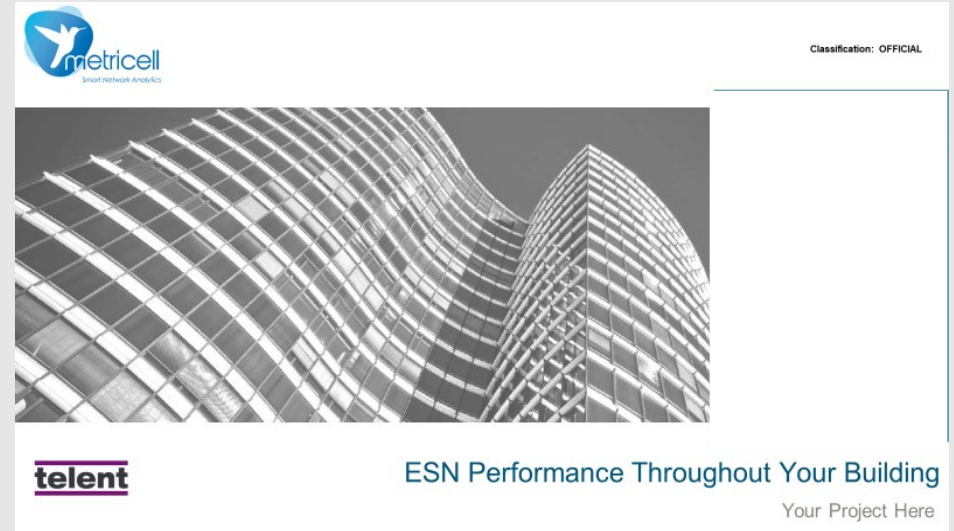


# Calibrated - Independent Indoor Measurements

Fully understand and independently audit LTE broadband coverage and capability in key buildings. Determine the best solution if extra indoor coverage schemes are needed.



Multiple Test Handsets plus  
Calibrated Test Receiver

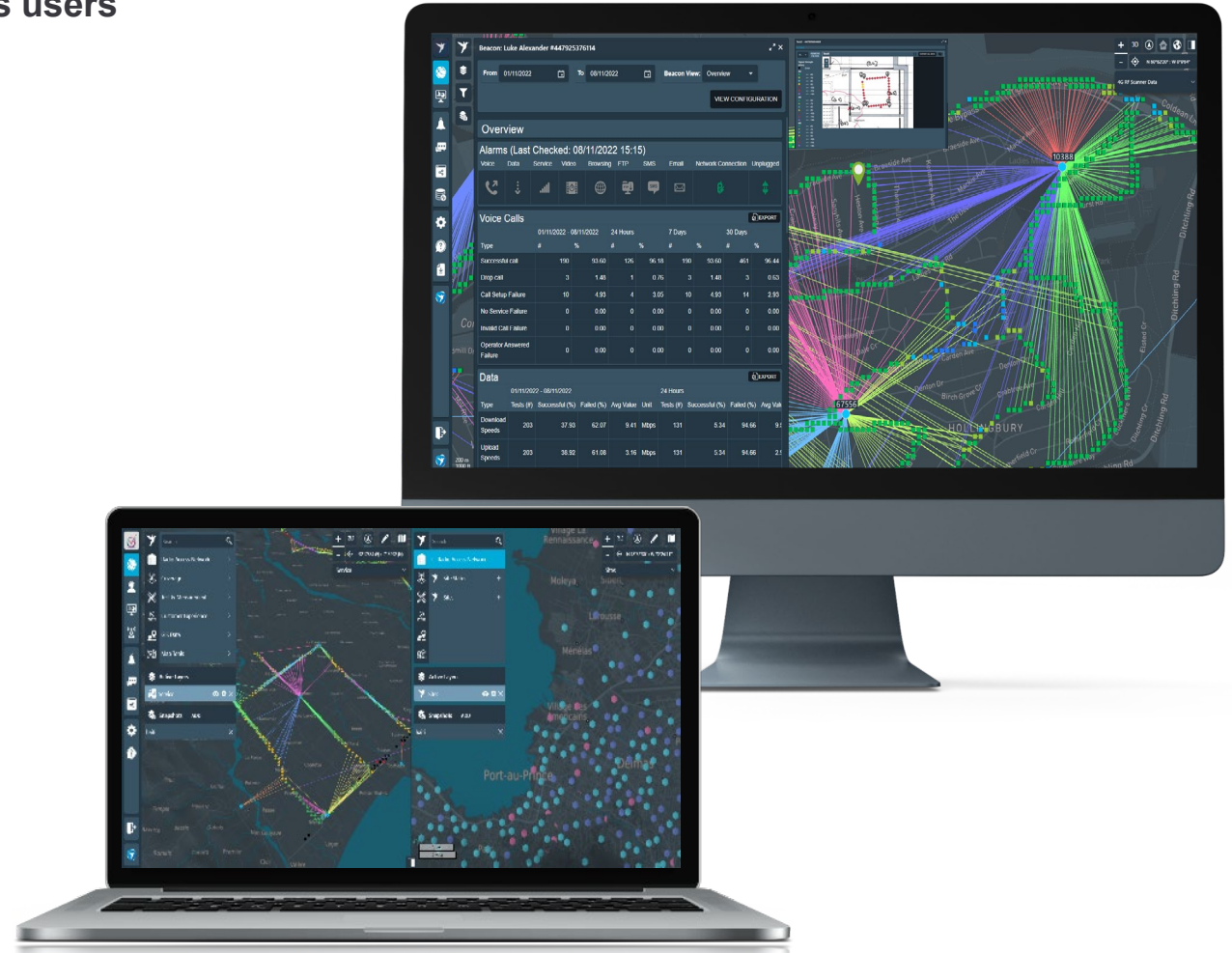




# Web Based Geospatial Intelligence

Access a web-based geospatial platform which helps users to interact with, analyse and visualize data from any number of sources in near real-time.

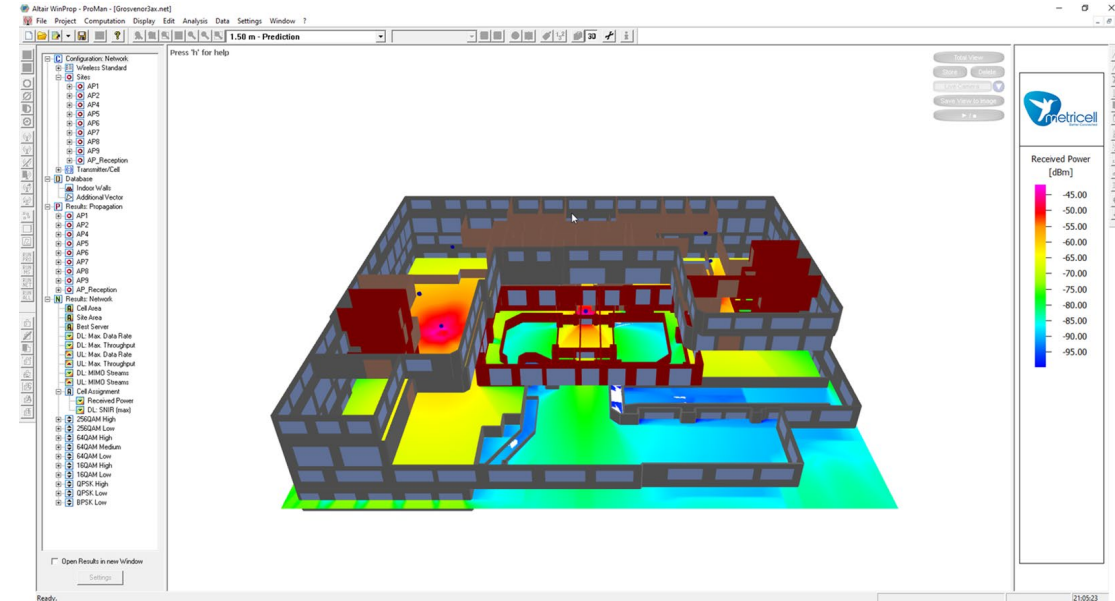
- ✓ Open ecosystem which allows to integrate any sort of data source.
- ✓ Fully automated with powerful algorithms for change detection.
- ✓ Add value by getting the most out of data with data discovery and association.



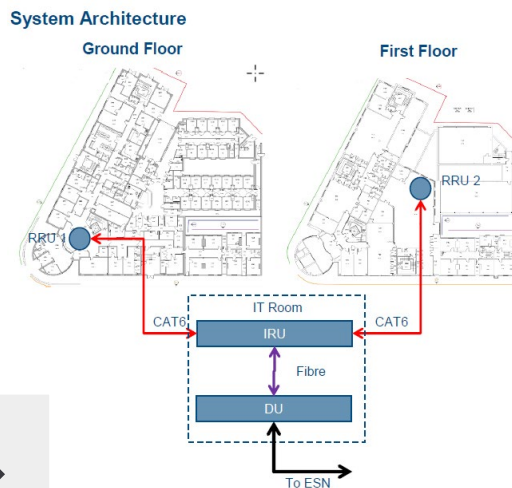


# Designing Critical Inbuilding LTE Solutions

Our engineers use the latest radio planning tools and 3D datasets to provide effective rf planning. Systems can range from 400MHz UHF to 3800MHz and even mmWAVE in frequency and from single locations to regional and even national networks. We can also fine-tune prediction models where appropriate.



*Critical coverage planning in complex environments*



Telent can also help turn plans to cost effective implementations. Our engineers can develop detailed site designs and work with site providers to speed rollout and bring new capability into service quickly.

With the ability to support and maintain inbuilding solutions.





# Why Telent and Metricell Over Traditional Vendors?

## Traditional Vendors

## Telent and Metricell Tools

Delayed Analytics (~2-12 weeks)	←	→	Real-Time
Semi-Automated or Manual	←	→	Fully Autonomous
Used by Engineers	←	→	Used by Anyone
Technical Engineering Data	←	→	Customer Experience Focused
Specialist Test Device	←	→	Standard Commercial Mobile
Distributed / Varying Access	←	→	Fully Centralised
Limited to Planned Locations	←	→	Continuous, Anywhere, 24/7/365
Slow Deployment & Installation	←	→	Fast Deployment, Plug-and-Play
Low Scalability	←	→	Highly Scalable

