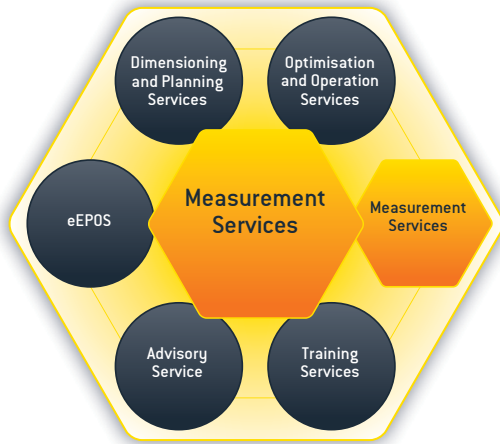




Measurement**Services**





Measurement Services are focused on supporting operators and vendors with various field measurements during network evolution in all phases from roll-out to optimisation and operation. Preliminary measurements in the field are fundamental for cost-effective RF planning. Similarly, regular performance measurements can not be neglected to justify the planning and optimisation costs. Continuous field monitoring is in turn required to avoid the problem spots and to react to end-user feedback.

Measurement services include model tuning to bring maximum accuracy in coverage and interference prediction, verification measurements to support planning and optimisation tasks, and benchmarking to ensure the competitiveness on the market. Lab measurements and field trials are offered to reach high confidence before employing any software release or functionality in the network. The measurements are delivered with a full set of tools.

FACT SHEET

Service area	Globally available
Work location	On-site, Remotely
Technologies	GSM/GPRS/EDGE, UMTS, HSPA, LTE, WiMAX, TETRA
Approach	RF Planning/ Optimisation: Model tuning Verification/Fine tuning Labs/Trialing/Piloting
Focus	Operation: Benchmarking
Tools	Turn-key, Modular tasks Model tuning: Test Transmitter & Receiver System Verification/ Benchmarking: Field Test Measurement & Analysis System Customer's own tools
Delivery	Planning/Specification Measurements Reporting Documentation
Pricing	Time-based Task-based
References	10 countries and 10 operators Details upon request
Related services	Digital maps Route planning Measurement setup Automated measurements Training

For further information, please contact:

www.eceltd.com

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European Communications Engineering (ECE) Ltd is a technical leader in the field of cellular planning and optimisation. ECE Ltd is focused on the main mobile technologies: GSM, UMTS, HSPA, LTE, WiMAX and TETRA. We offer you service and software products and solutions globally.

