TEMS™ for WCDMA

Making wireless better for the new Mobile Internet world

The **TEMS**[™] for WCDMA portfolio is positioned to lead the world in helping wireless operators plan, optimize and expand WCDMA networks.

The experience gained from over ten years of providing planning and optimization tools to operators worldwide is the solid foundation upon which the TEMS for WCDMA portfolio has been built. Whether an operator is migrating an existing 2G network into 3G or needs to immediately plan and optimize a new WCDMA network, TEMS has the right tools for the job.

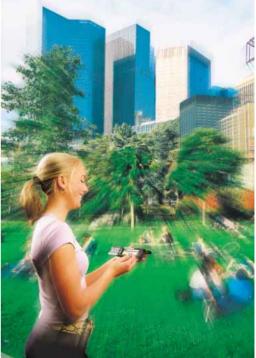
TEMS products facilitate a controlled transition with maintained focus on the optimal operation of installed equipment and the Quality of Service (QoS) as perceived by the end user. The TEMS tools also allow operators to make a cost-effective transition, by offering a migration path that builds on the functionality and experience of its current tools.

Market leaders with a long tradition of success

In the industry, the TEMS products represent the strength and reputation of Ericsson, a company at the forefront of 3G research and development. With access to the Mobile Internet and 3G technology that Ericsson is making a reality, TEMS products can stay ahead of the competition.

The TEMS portfolio offers tools that address all phases of a WCDMA network's lifecycle, from early stage planning to upgrades and expansion planning. The TEMS team is fully committed to creating and developing innovative tools that address every aspect of a WCDMA network.







Several TEMS products make up the TEMS for WCDMA portfolio:

 TEMS Investigation is a versatile air interface test tool for troubleshooting, verification, optimization and maintenance of WCDMA wireless networks. Designed for senior RF engineers as well as network specialists, TEMS Investigation is useful during all stages of a WCDMA network's lifecycle.

The tool supports both terminal-based units and a scanner device. This allows tests to be performed from a user's perspective as well as providing a wide range of measured quality parameters. TEMS Investigation can be used to track air interface signaling, monitor WCDMA parameters, verify coverage, measure quality and capacity, evaluate predictions and view GPS-positioned terminal/scan data with map support. Used alone for data analysis or together with TEMS DeskCat for post-processing, TEMS Investigation is a powerful real time tool for solving network problems.

- TEMS DeskCat is a Windows-based advanced postprocessing software tool for wireless voice and data network optimization. Designed to support experienced RF engineers and network optimization specialists, but able to provide managerial reports as well, TEMS DeskCat can be used to solve performance problems throughout the lifecycle of a WCDMA wireless network. TEMS DeskCat post-processes TEMS Investigation WCDMA logfiles and provides complete QoS reporting for 3G paradigms of service class, delay and throughput.
- TEMS Pocket is the smallest tool on the market for verification, maintenance, and troubleshooting of WCDMA mobile networks, and can also be used for basic cell planning tasks. TEMS Pocket displays network information, cell configuration and radio environment measurements, and important network events are logged even when TEMS Pocket is being used as a phone.

- TEMS Automatic is an autonomous system that provides a continuous overview of network quality as perceived by subscribers, without requiring drive testers or technicians.
 The first release of TEMS Automatic WCDMA focuses on testing different types of data services and on the collection of RF measurements, making it possible for operators to test the quality of the new services introduced by Mobile Internet.
- TEMS CellPlanner is a tool for the design, realization and optimization of cell plans in WCDMA networks. It is used for network dimensioning, traffic planning, and site configuration. TEMS CellPlanner can be used by multiple users simultaneously and gives operators everything they need to plan mobile networks.
- TEMS LinkPlanner is a software tool for radio transmission network planning. It supports both pointto-point and point-to-multi-point network planning and management. In addition, TEMS LinkPlanner supports the planning of microwave radio links to enable a fast deployment of new networks, and enables operators to prepare for the ever-increasing demand placed on transmission networks by 3G systems. This versatile tool makes it possible to adapt planning to different systems, vendors, and technologies, including WCDMA.
- TEMS CellSight is a network performance management software tool that automatically collects and monitors large volumes of switch/network element data for optimum performance of WCDMA networks. The extremely flexible reporting capabilities of TEMS CellSight can support many different groups within an organization.

Because Ericsson is among the companies that developed the 3G standard, the TEMS portfolio has a clear path to the future. The 3G world will include advances in e-commerce, on-line finance, traffic planning, and much more, and the TEMS for WCDMA portfolio will enable operators to fully embrace all these changes. With continued support of 2G, strength in 2.5G, and vision for 3G, the entire TEMS portfolio will continue to be world leaders by making wireless better for the new Mobile Internet world.