Planning. Optimization. Data management

Cellular Expert Enterprise

DESIGN, MANAGE AND IMPROVE THE PERFORMANCE OF WIRELESS NETWORKS
Want to see how it works live? Go ahead and request evaluation or online demonstration:

Contact us by phone: +370 5 2150575
Visit our web site: www.cellular-expert.com
or write us by e-mail: info@cellular-expert.com

Cellular Expert Enterprise

Cellular Expert Enterprise is a software suite of solutions designed for telecommunication market. It includes Server and Desktop products, solving a range of tasks for different departments of the company, including RF design and optimization, wireless network engineering, NOC events visualization, sales, marketing and executive control.

Cellular Expert provides telecommunication professionals with high-precision calculations and rich functionality Solving the following Tasks:

- Radio Path Profiling
- Network & Equipment Data Management
- Transmission and access network planning
- Radio link budget and performance analysis
- Radio link interference analysis
- Visibility Area Calculation & Analysis
- Nominal Network Planning
- Field Strength & Best Server Coverage Prediction
- Automated Frequency Planning
- Automated Cell Planning
- Drive Test Data Analysis & Model Calibration
- Coverage prediction
- Service Planning & Analysis
- Traffic Planning & Analysis
- Drive Test analysis
- Network Optimization Tools
- Automated Task Processing
- Multi-User Environment

> Powerful GIS platform
Cellular Expert users have an advanced GIS toolset that provides a foundation for managing all geographic data in the radio network planning environment.

> Modeling any size of radio system
Cellular Expert functionality allows to automate RF network planning, perform countrywide coverage calculations and manage large-scale networks.

> Local area or countywide network planning
Cellular Expert’s capabilities allow mobile operators to improve radio network design quality in rural and urban environments.

> Multi-user collaboration solution
Cellular Expert was developed according to specific requirements and needs of technology oriented clients, and includes multi-user database configuration capabilities.

Enterprise license is most suitable for the telecommunication companies operating various types of mobile, transmission and fixed access networks

Cellular Expert Enterprise supports multiple wireless technologies available in the market:

- Transmission networks (Microwave)
- Broadband access networks (LMDS, MMDS, WLL)
- 2G/2.5G networks (GSM, DCS, CDMA)
- 3G/3.5G networks (CDMA2000, WCDMA, UMTS, HSPA)
- 4G networks (WiMAX, LTE)
- Military and rescue networks (TETRA, TETRAPOL, APCO)
- Broadcasting Networks (DVB-T, T-DAB)
- Other technologies in frequency range up to 100 GHz

More than 100 companies in 37 countries are using Cellular Expert software for wireless network design and optimization.