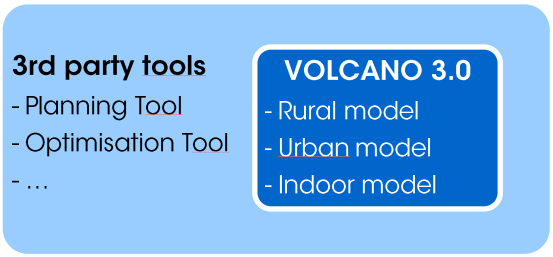
SIRADEL

VOLCANO 3.0

A model more than conventional RF propagation prediction

VOLCANO 3.0 and Network Planning/Optim tools



Technology

- Multiple wireless technologies compliancy (2G, 3G, LTE, WiMAX, Mobile TV, GSM-R)
- Compatible with advanced Automatic Cell Planning (ACP) tools
- 3 cutting-edge models: Rural, Urban, Indoor
- Outdoor-to-indoor and Indoor-to-outdoor predictions
- Flexible reception: multi-floor in-building (add-in), above ground, rooftop, …
- Automatic tuning
- Advanced simulations (power-delay profile, angular profiles: azimuth and elevation, delay spreads, …)

Operational

- State-of-the-art technology successfully used in operational large scale networks (35k+ of cells, 100+ of users)
- Optimized calculation offering best trade-off between computation time and accuracy
- Automatic Tuner providing reliable models faster than standard methods and using less measurements

Portability

- Easy migration of VOLCANO models from one tool to another planning, optimisation & analysis
- Import/export feature for easy migration of all or part of model parameters from one project/platform to another

GIS

- BIL , Planet and Mapinfo Raster data
- Planet, Mapinfo and Shape Vector data
- Support of multi-resolution projects (2D raster/3D raster/3D vector)

Software

- OS: Windows 2003/XP/Vista/7
- Citrix/Terminal Server supported
- Multi-threading and multi-processor supported
- Standalone, Server and Server-commutable (with a nomadic use capability)
- COM component, .NET

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Multi-platform availability

ENTERPRISE
from **AIRCOM**

ATOLL
from **FORSK**

ZXPOS
from **ZTE**

MENTUM PLANET
from **MENTUM**

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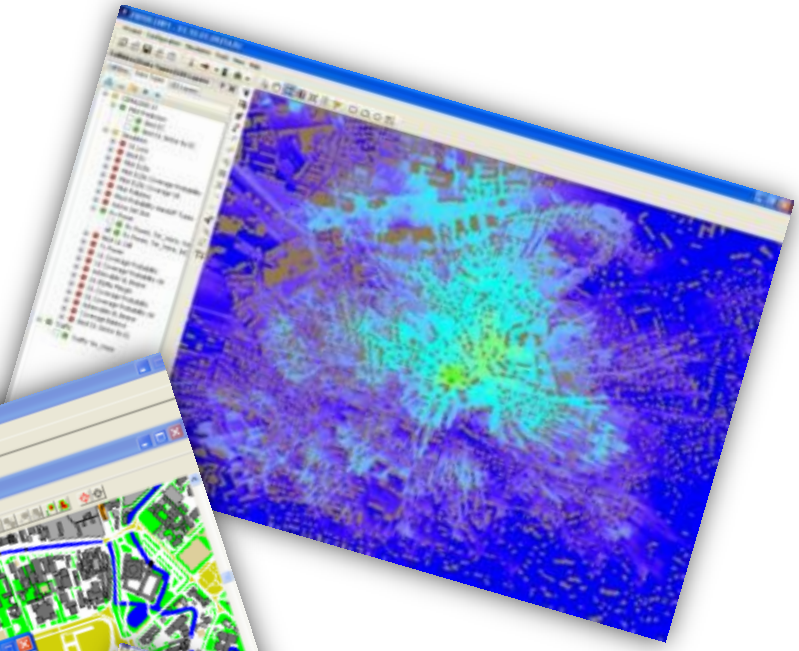
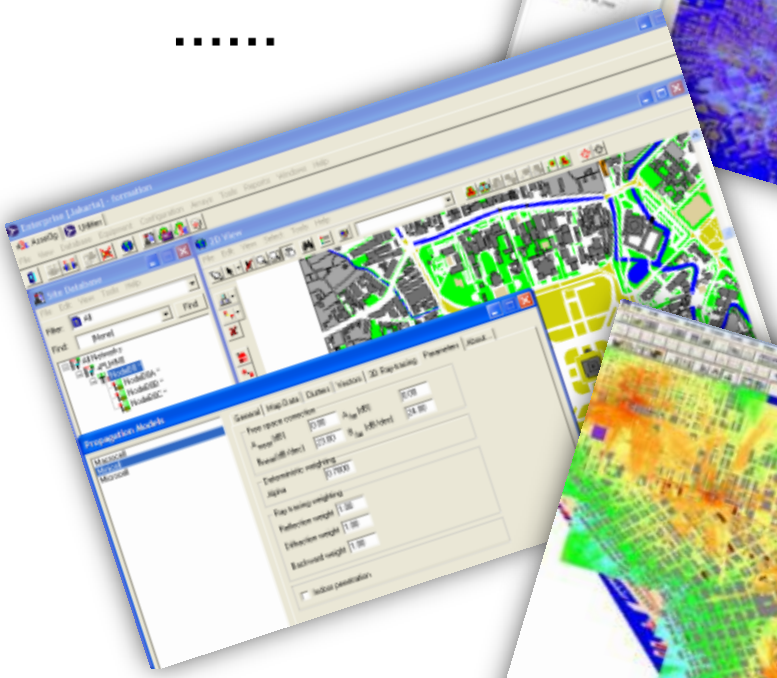
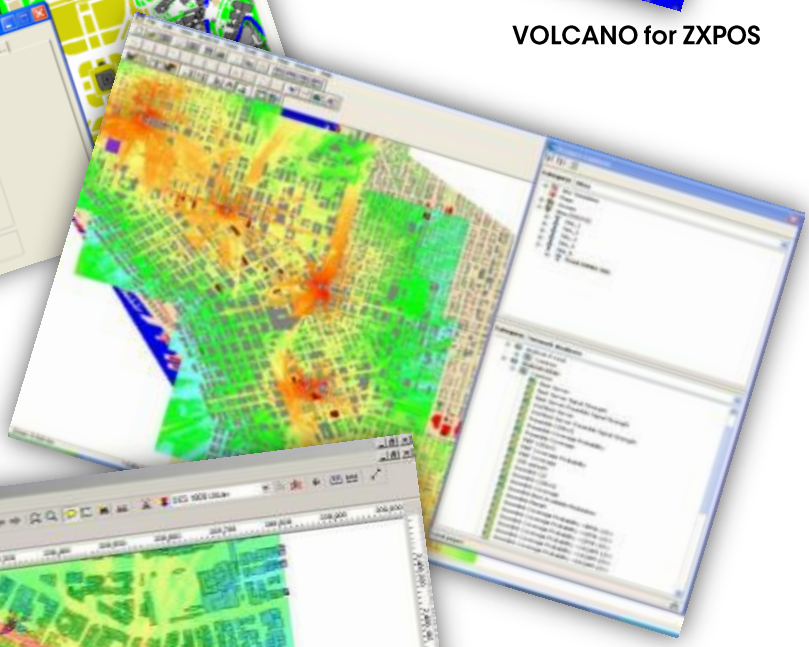


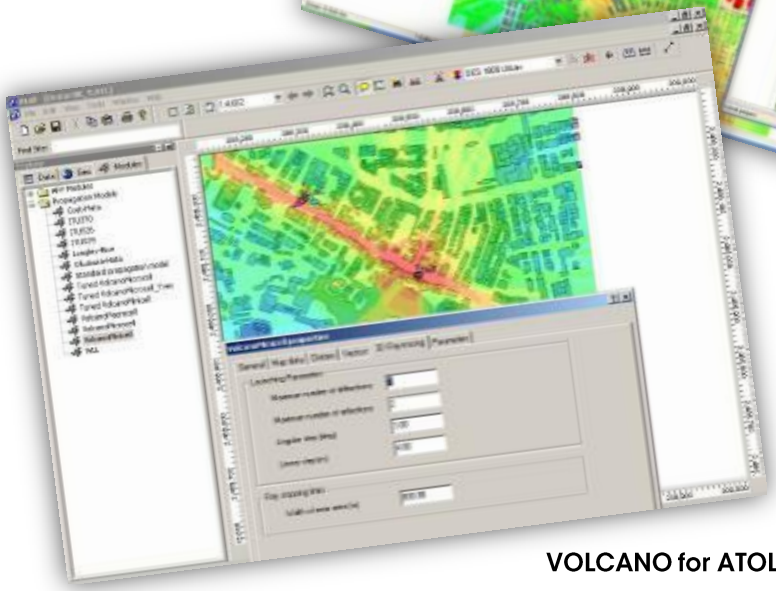
VOLCANO for ZXPOS



VOLCANO for ENTERPRISE



VOLCANO for
MENTUM PLANET



VOLCANO for ATOLL

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