



astrix TM frequency planner

How to get the most out of your frequency band!

Astrix Frequency Planner is a standalone, state of the art software application that automates your frequency planning process.

The tool functions smoothly together with any radio planning tool.

It is cost efficient, easy to use, extremely fast and flexible with a high degree of user freedom.

Astrix Frequency Planner can be used by any radio planner within minutes after installation.

Background

ASTRIX Frequency Planner was developed based on the state of the art Mobinett optimization algorithm developed at Telenor Research Lab. The algorithm was integrated in the ASTRIX radio planning system as an automatic frequency planning module. The AFP tool, was also separated from the tool and is offered as a standalone Automatic Frequency Planning software application. Teleplan Globe developed this standalone tool to offer an automatic frequency planning tool to our partners and clients without ASTRIX Radio Planning System installed.

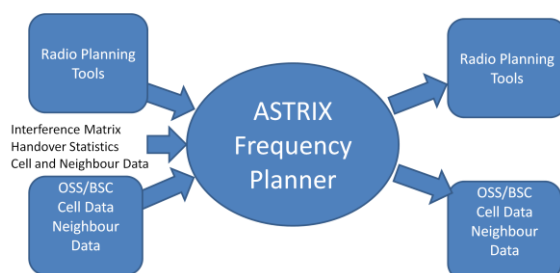
Import and Export

ASTRIX Frequency Planner supports the following import and export formats:

- ComOpt
- Aircom
- Excel
- ASTRIX format

The importation of cells, statistics and the interference matrix is easy and the depending on the formats the user has full flexibility with importing and exporting the results.

Schematic Overview



Functionality highlights

- Full user flexibility in defining constraints and weighting of : C/I, C/A, erlang per cell and neighbor statistics.
- Handling and management of several frequency plans simultaneously
- GSM 900, 1800 and 1900 bands
- Supports non hopping, baseband hopping and synthesized hopping
- BSIC and HSN planning
- Full user flexibility for Co, Adj penalties for traffic and handover statistics.
- Define border cells
- Full network retune and partial planning of new cells and TRXs
- Visually view proposed changes to analyze, accept or retune

Why ASTRIX FP from Teleplan

50 years experience in delivering solutions to the Telecommunication industry

Proven solutions chosen by operators around the world

20 years experience in delivering Radio Planning and GIS software to the Telecommunication industry

No risk, high value for money with full customer satisfaction.