



## Professional Post Processing **FIMAS**

### **The Data Master.**

FIMAS is made for speed. For ease of use. For maximum compatibility. And for high data volumes. Analyze the overall performance of your network. Optimize your infrastructure. And get to the root of problems in no time. Plan your route to success with FIMAS.

## High-speed

The FIMAS system architecture is streamlined for high-speed processing of the vast amount of data typical for mobile network measurements.

## Sophisticated

SQL query assistance, a flexible architecture and customizable report templates make using FIMAS' sophisticated professional features fast and easy.

## User-friendly

The Evaluation Center offers a user-friendly unified interface to all system components: data import, reporting, map-based geographic analysis and SQL queries.

## Scalable & Multi-site

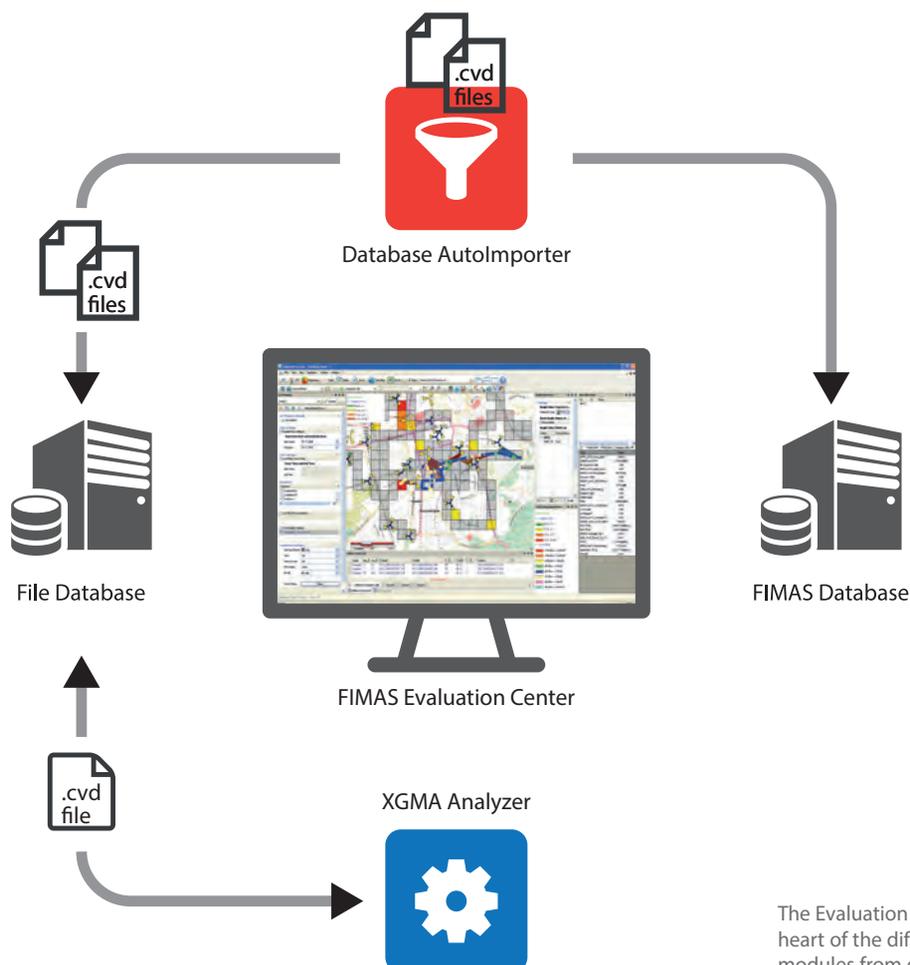
FIMAS supports standalone or client-server installations as well as Citrix® terminal server and virtualization solutions.

## Maps & Visualizations

Transform data into meaning and visual representations with FIMAS' numerous visualization functions. For a quick overview as well as thorough analysis.

## Open-minded

With its open, generic database structure, FIMAS easily integrates third party data and allows cross-database data exchange.



The Evaluation Center is at the heart of the different FIMAS modules from data import to drill-down with XGMA Analyzer.

# FIMAS

## Visual Comparison

Visualize different data sets in GeoView to compare benchmarking results from different operators or before/after measurement data at a glance.

## Cube Technology

Cube technology allows you to view aggregated data from multiple perspectives, and it makes ad-hoc data evaluation fast and efficient.

## Right to the Point

XGMA's drill down functionality is fully integrated into FIMAS, zeroing out the need to spend money on separate tools. Get to the root of a problem with just one click.

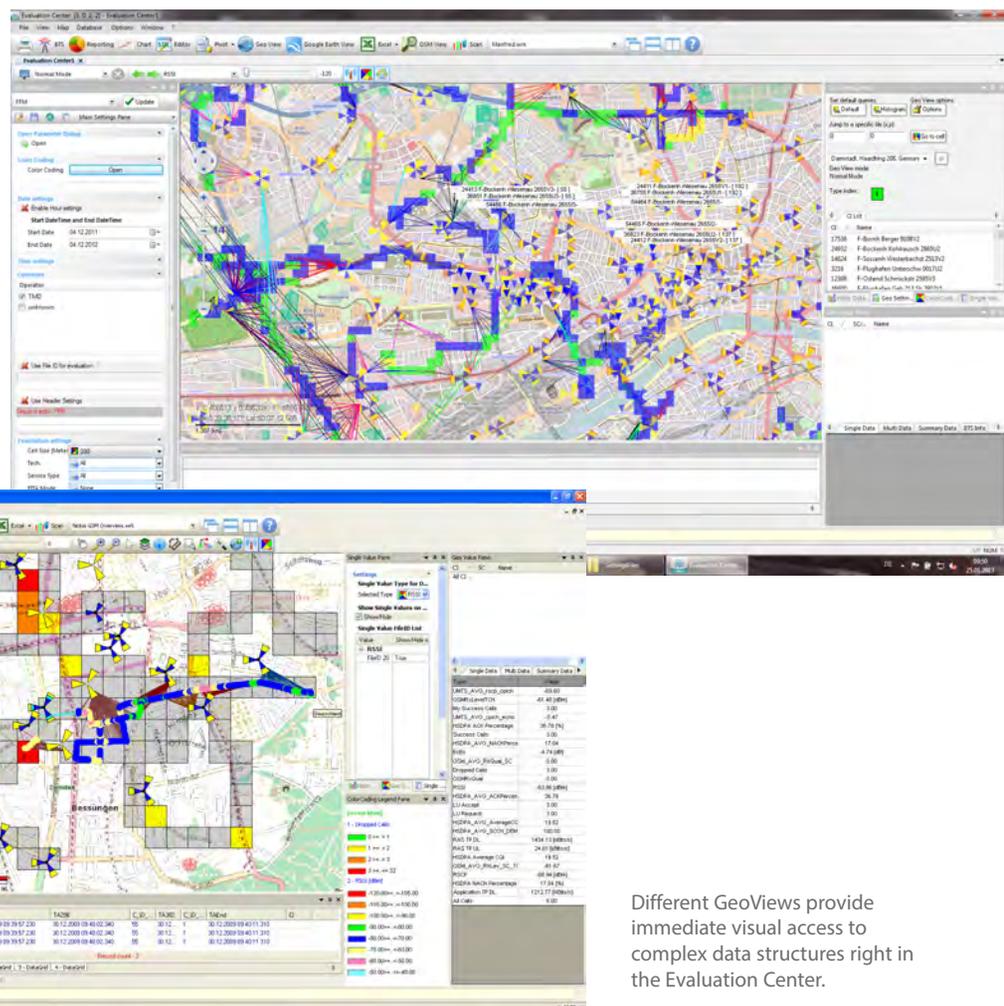
## Effective Reporting

FIMAS includes Microsoft Excel®, Crystal Reports® and MS SQL Reports® for professional reporting. Web-based reporting offers instant access from any computing device.

## Power Features

- Visual Comparison modes
- Multiple GeoViews
- Support of multiple databases
- Easy administration of databases from within GUI
- One-click drill-down
- Multi-site capable unified user-interface
- Professional and efficient reporting functions
- Web-based reporting
- BTS database integration
- Automatic data import
- Expert system for automatic error classification
- Fully SQL-configurable Time Axis View
- Fully SQL-configurable Grid View with two-way Geo View sync

Open Street Maps integration offers free and up-to-date maps for visualization. Maps may also be stored locally for faster access.



Different GeoViews provide immediate visual access to complex data structures right in the Evaluation Center.

# FIMAS

## Specifications

### Application Areas

- In-depth and statistical analysis
- Ad-hoc SQL-based analysis and data mining
- Evaluation of benchmarking data
- QoS evaluations
- Diagnostics and optimization

### Supported Technologies

GSM, GPRS, EDGE, UMTS, HSDPA, HSPA+, HSUPA, LTE™, LTE-A Carrier Aggregation, WiFi (HetNet)

### Measurement Data

KPI according to ETSI, IP trace data, detailed session events, GPS data, voice & video quality data

### Available Modules

- Evaluation Center
- Database AutoImporter
- Data Processor
- SQL Query Manager
- XGMA Drill-down module

### Visualizations

Multitudinous GeoViews including:

- Time Axis
- Best Server
- Scan View
- Pivot Chart
- Pivot Grid
- Cube
- Next Tile
- Benchmarking/Comparison Mode
- Open Street Maps™
- OSM Elevation Contour Lines

### User Interface

Evaluation Center offers multi-site capable unified user-interface for access to reporting, SQL Query Manager, GeoView and drill-down modules

### Report Functions

- High-level QoS Reports
- Integrated Microsoft® Excel®
- Integrated Crystal Reports®
- Microsoft SQL Reports®
- Web-based Reports
- Database compatible with third party analysis and reporting tools, e.g. Tableau®

### FIMAS System Configuration

By default, FIMAS is delivered as a turnkey solution including up-to-date highspeed hardware and software for the database server and clients.

If you need to integrate FIMAS into an existing environment, the requirements differ depending on data volume but usually a medium-class client-server system is sufficient to run FIMAS.

### Integration of External Datasets

FIMAS allows integration of external datasets into the database, which can then be used to support data analysis, e.g. XML railway tracks etc.



Specifications subject to change without notice.

