

## XCAP-Cloud

Cloud based collaborative analysis solution

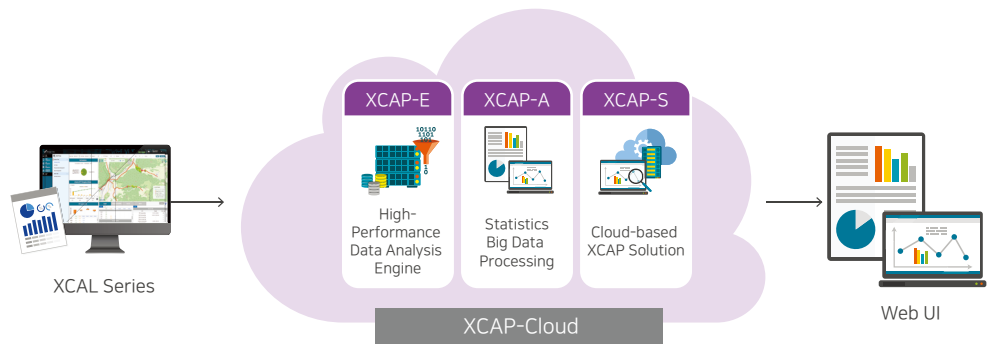
XCAP-Cloud is a collaborative analysis solution designed for mobile network optimization. Users can harness the power of XCAP on the cloud to perform statistical analysis on vast amounts of data. The analysis results can be shared in detail with colleagues. XCAP-Cloud offers a diverse range of dashboard formats, including tables, graphs, and geo-mapping, enabling comprehensive data visualization. It facilitates the collection, storage, and management of big data, allowing for systematic improvement of mobile network KPIs. Technical engineers can easily analyze data using the web-based packet viewer and SQL editor. With seamless integration with other server based solutions like XCAL-Manager and XCAL-RO, XCAP-Cloud maximizes usability without the need for high-end on-premises PCs or servers for analysis processing.

### Features

- \* Ultimately compelling cloud analysis solution
- \* Convenient and Agile analysis
- \* Robust data management solution
  - : Managing and mining massive data quickly and easily
- \* Reduce OPEX
- \* Compatible with various chipset logs

### Functions

- \* Custom Statistical analytics
  - : Support for custom query UI and SQL editing function
- \* Detailed analytics per model unit
  - : Automatic analytics of data and report generation
  - : Cloud system-based data analytics
  - : Map, Table, Graph, Chart analytics same as PC version
- \* Custom Report
  - : Pie, Bar, Line, Map chart and Excel table report function
  - : Create a report according to the template set by the user
- \* Web based Packet viewer
  - : Packet decoding and analytics function
  - : Flow graph
  - : DRX/DRM file parsing



### Key Features

- Provides Drill-Down Charts and Reports
- Supports Simultaneous Query and Analysis Across Multiple Collection Sections
- Reduces Analysis Time with High-Speed, Large-Volume XDB Processing
- Enables Parameter Verification Through Various Formats such as Charts and Graphs

This section displays three key interface views of XCAP-Cloud:

- Dash Board:** A comprehensive overview page featuring a pie chart, a map of a geographical region, and several data visualization charts and gauges.
- RCA (Root Cause Analysis):** A detailed view showing a table of network events, a map highlighting specific locations, and associated performance metrics.
- Search:** A search results interface displaying a list of network events with columns for time, location, and status, alongside a detailed view of a selected event.