Accuver

XCAP-Cloud

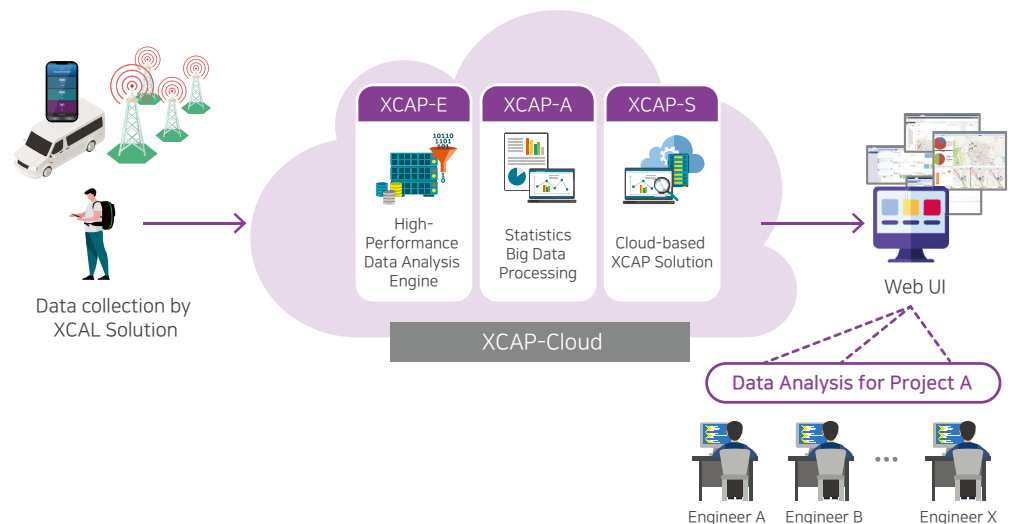## Cloud based collaborative analysis solution

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.
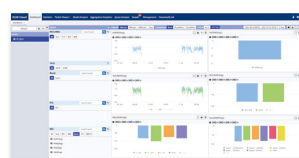
Features

* 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

Data collection by XCAL Solution

XCAP-E — High-Performance Data Analysis Engine
XCAP-A — Statistics Big Data Processing
XCAP-S — Cloud-based XCAP Solution

XCAP-Cloud

Web UI

Data Analysis for Project A

Engineer A   Engineer B   ...   Engineer X

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
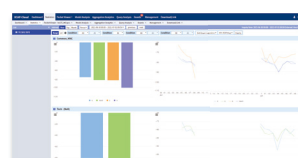 : Flow graph
  : DRX/DRM file parsing

XCAP-A

Dash Board
- Pie chart Drill-down
- DL/UL Throughput, Success rate
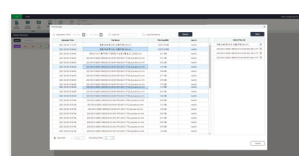- RSRP, SINR, etc.

Statistics
- Cluster condition setting
- Group/File/User setting

Aggregation Analytics
- Aggregation by group/raw data
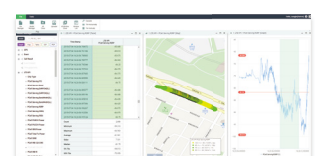- Analysis results and templates sharing

XCAP-S

File Manager
- Parsing sampling option
- Merge model creation

Graph
- Time-based line graph
- Various Parameter Overlay function

Range to Sync
- Data synchronization of Table, Map, Chart, CDF, PDF format