INFORMATION

OSS TORUS is a modern software for networks performance management and services quality monitoring.

During 2020 it has totally satisfied requirements for operational control and communications quality monitoring in the Tele2 Russia networks. Since initial rollout of OSS TORUS in 2014, System has drastically changed: calculation of multi-vendor KPIs was implemented, TORUS Maps module was developed and deployed, new types of integrations were implemented (such as to Fault Management, Inventory, Business Process Management, Customer Relationship Management and other systems). Network size, system requirements and amount of the data volumes proceeded by OSS TORUS in Tele2 Russia increased ten-fold since 2014. The System have backed this growth up flawlessly.

During 6 years in operation the System helped:

- to reduce labor costs for KPI calculation, root cause analysis of problems, various reports generation tasks;
- to reduce the response time to network problems, several times;
- to ensure the control over network quality during the commissioning, reconfiguration and equipment swaps;
- to organize continuous monitoring over equipment disposal;
- to rapidly generate ad-hock status reports for network in general and its individual elements.

OSS TORUS was chosen by Tele2 Russia as the primary Network Performance Management system in 2014 according to the tender results. Competitive score shows that OSS TORUS has proved to be at the same level or even better than the typical well-known PM-systems, but at the same time, it revealed much better on-demand features development and customization facilities.

The initial rollout of OSS TORUS in Tele2 networks took only 5 months, which then leveraged swift and successful commercial rollout of 3G and 4G networks, which were new to Tele2 at those times.

By now OSS TORUS collects statistics and configuration data:

- for more than 20 types of network elements and objects, such as MSC, MGW, HLR, SDM, SGW, PGW, PCRF, BSC, RNC, BTS, NodeB, eNodeB, CELL, RRL, MBH, IPBB, etc.;
- which comes from various HW vendors, such as Ericsson, Huawei, Nokia, Alcatel, Cisco, NEC, Mavenir, etc.;
- in total, volumes collected comprise more than 2.5 TB of raw data per day on input.

Total amount of data permanently stored tops 140 TB.

More than 800 active users get data from OSS TORUS in real-time and online. Users come from various Tele2 departments:

- network maintenance and service centers;
- network optimization and planning;
- quality control and customer experience;
- finance and commercial services;
- HQ.

GISware Integro Ltd. company, being author and integrator of OSS TORUS software, demonstrates top-notch professionalism while developing and supporting the System for Tele2 Russia. They are truly focused on the end-results.

Sincerely yours,
Operations Director   M.B.Ikonnikov

Original information letter available at
https://gisw.ru/sites/default/files/downloads/Информационное_письмо_OSS_TORUS-signed.pdf