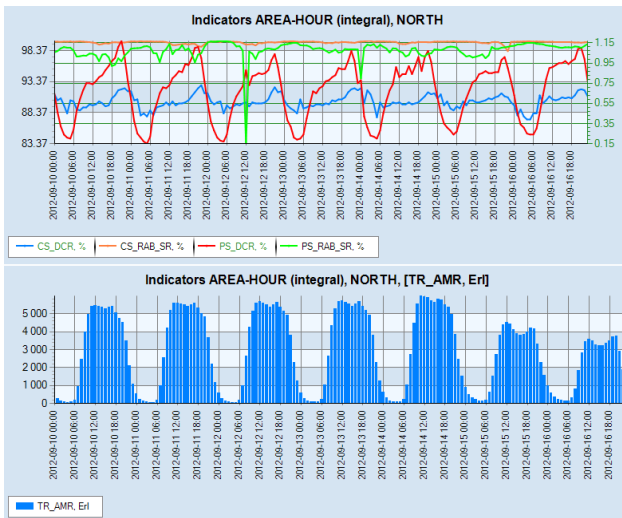


# OSS TORUS – QUALITY MANAGEMENT GAINS PROFIT!

## QUALITY AFFECTS PROFIT

Service quality is the most influential factor when choosing communications provider. Subscribers are ready to pay more for a better quality service (according to Nokia Siemens Networks 2013 survey).

GISware Integro offers OSS TORUS – a reliable instrument for managing service quality of communications providers, Internet providers and IT-departments of major companies.



OSS TORUS is a system for **continuous** network performance management and service quality monitoring.

TORUS instantly provides a transparent view of network & services state, automates routines, and unifies business processes.

The system is capable to collect and provide data from **any OSS/BSS**, from **equipment** having no integral management facilities; to calculate in **real time any KPI/KQI**; to prevent potential problems.

The solution provides **objective and up to date** information for:

- ✓ strategic decision making
- ✓ service quality management
- ✓ equipment condition monitoring
- ✓ network panning and optimization
- ✓ promotional event planning

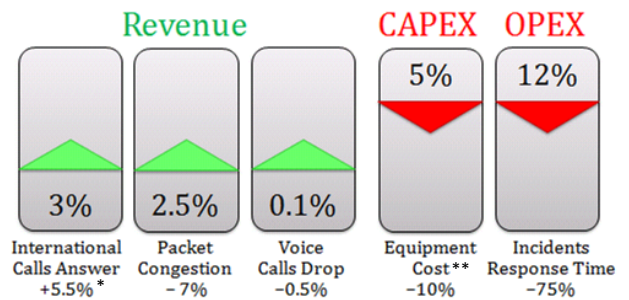
OSS TORUS is a quintessence of 10 year experience in solving communications providers everyday problems of any complexity.

## WHAT IS YOUR PROFIT

OSS TORUS **minimizes costs** (OPEX/CAPEX) and **increases company's capitalization**.

OSS TORUS allows to prevent and locate problems, **cutting down quality degradation costs** and **raising user loyalty**.

OSS TORUS ensures higher return on investment (**ROI**) at lower ownership cost (**TCO**) as compared to similar solutions.



\*Quality management results in international call duration increase of 55% increasing provider's profit by 3%

\*\*Objective and up to date network utilization data allows to cut the amount of equipment used by 10% leading to 5% drop in CAPEX

## OSS TORUS ADVANTAGES

- ✓ Low cost of ownership
- ✓ Quick launch
- ✓ Any level support and maintenance
- ✓ Further development possible by demand
- ✓ Calculation of any KPI/KQI in real time
- ✓ Multi-vendor equipment support
- ✓ Possible integration with equipment having no own OSS over any protocol

## CLIENTS AND PARTNERS

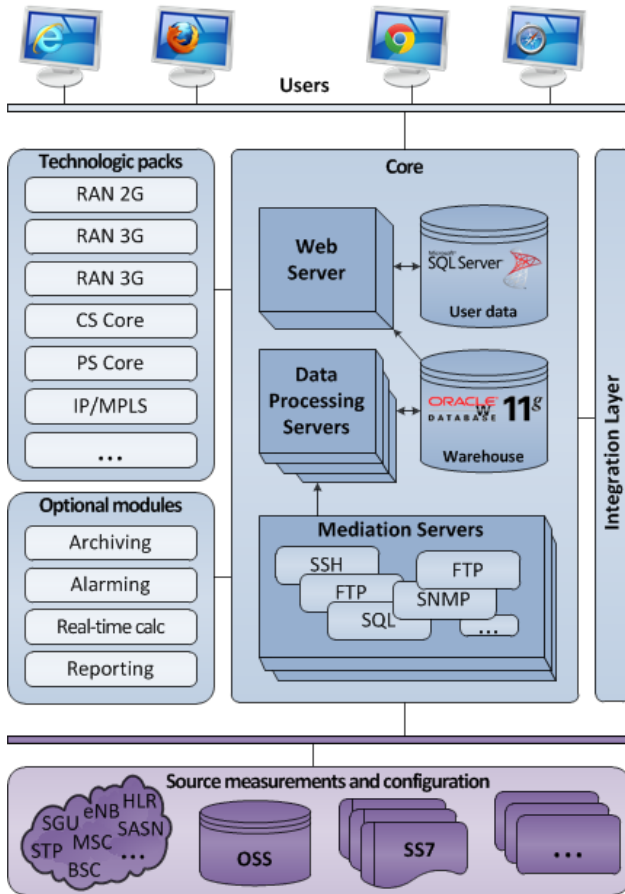
- ✓ VimpelCom (Russia/CIS, telecom)
- ✓ Tele2 (Russia, telecom)
- ✓ ReleaseTMS (Netherlands, telecom)
- ✓ Terrasolid (Finland, IT)

## OUR TEAM

TORUS team is:

- ✓ a group of experts from several countries
- ✓ professional developers and integrators
- ✓ more than 10 year experience in telecom & IT

# OSS TORUS ARCHITECTURE



# OSS TORUS IS HELPFUL WHEN:

- ❑ Quality monitoring is not operative and objective enough
- ❑ Tracking network and transport problems takes too much time
- ❑ Periodic reporting requires too many resources
- ❑ Network roll-out and modernization is under way
- ❑ Monitoring is hindered by diversity of vendors and equipment versions
- ❑ Operational cost cuts are needed to ensure high quality service
- ❑ Network topology and key KPI mapping is needed to solve application tasks
- ❑ High user loyalty is a strategic goal

# OSS TORUS DEVELOPMENT PLAN 2015-2016 (UPDATED 08 FEB 2015)

OSS TORUS	Q1.2015	Q2.2015	Q3.2015	Q4.2015	Q1.2016
Data representation	<b>Maps</b> Network equipment, KPI and coverage area mapping		<b>Report Builder</b> Building higher complexity reports using TORUS Explorer user interface		<b>Info Walls</b> Data visualization as an Info wall
More than Performance Management			<b>Consistency Checker</b> Comparing network equipment actual configuration to expected values		
Client platforms					<b>Mobile Client</b> interface for mobile devices
User functions	<b>KPI Builder</b> Create own KPI using native TORUS Explorer	<b>Drill Across</b> Change between different KPI groups with settings and limitations inheritance			
				<b>Personalization</b> Personalization of user's environment, preferred colors, "my region", etc.	

