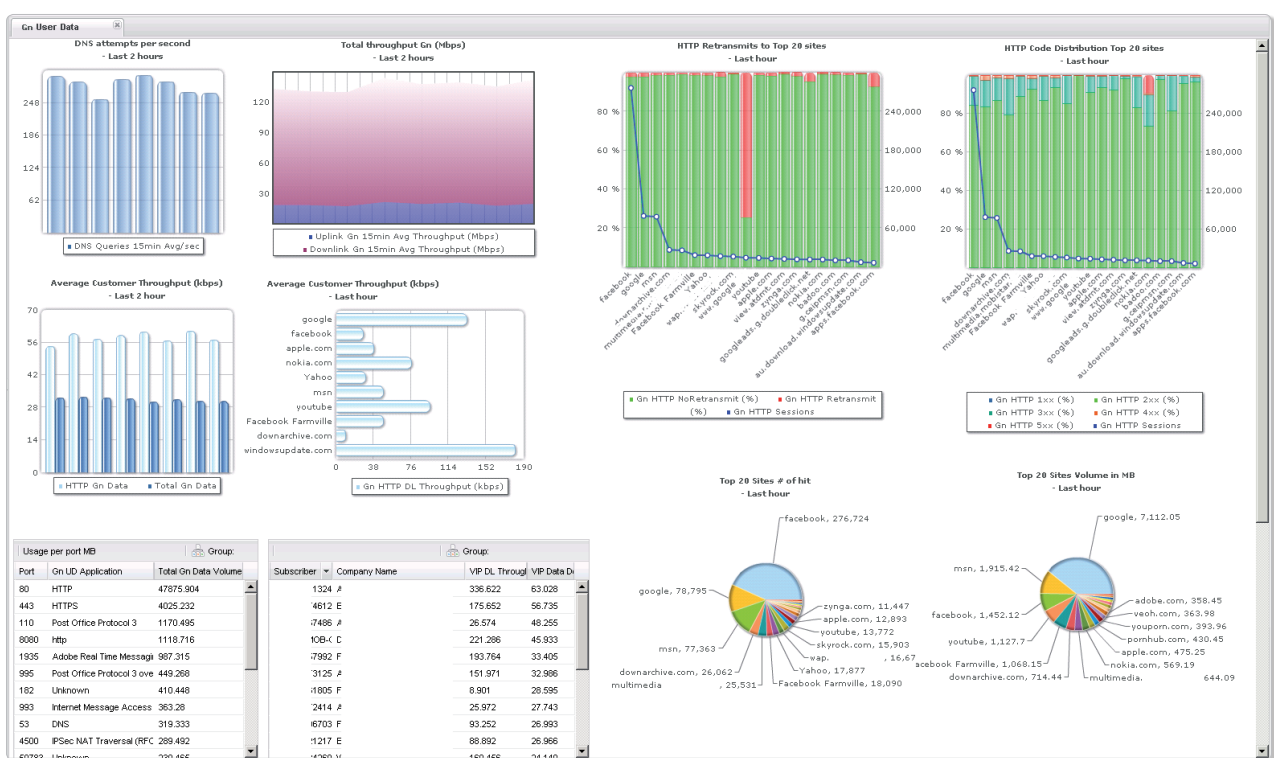


Wireless PS

Much hope has been put on mobile data as a revenue generator for the future. Now, with the rapid introduction of smart phones, operators world-wide are seeing an increase in revenue and usage that is even exceeding expectations. The increased popularity of mobile data services creates great opportunities, but also significant challenges, when working to assure the quality of the customer experience.



With increased usage comes higher network load, and it is vital to be able to monitor the delivered quality in order to maintain customer confidence and loyalty. Without reliable tools for assuring the Quality of Service, operators will suffer churn and higher costs for customer service operations.



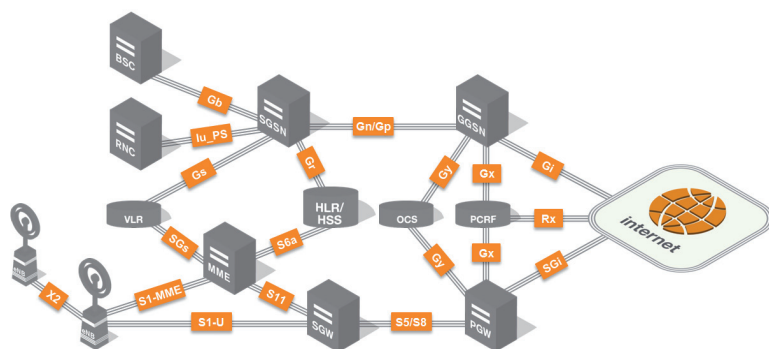
Gn User Data dashboard

The Polystar Wireless PS solution

This solution leverages signalling analysis and packet inspection technology to deliver real-time operational intelligence—from high-level KPI/KQI applications in Dashboard, all the way down to actual packets. By combining analysis of both signalling and payload on a per-session basis, you can implement full customer- and service-aware performance monitoring. Non-intrusive monitoring of key strategic points in the network achieves true end-to-end view of network performance and quality, including capabilities for root-cause analysis of individual network elements and segments.

Proactive approach

A proactive way to avoid trouble tickets is to continuously monitor quality over time, so that trends in quality degradations can be detected immediately. For instance, performance-related issues can be detected before severely affecting the Quality of Experience, enabling network engineering to proactively add resources before costly outages occurs.



With all data collected through OSIX, the operator can create and/or view predefined dashboards in Jupiter, according to their specific KPIs/KQIs.

Interfaces/protocols

- Gb
- Gn/Gp
- Iu_PS
- Gs
- Gr
- Gy
- Gx
- Gi
- Rx
- SGi
- SGs
- S6a
- X2
- S1-MME
- S1-U
- S11
- S5/S8

The Jupiter and OSIX difference



The Wireless PS solution is built on our Jupiter and OSIX products. Real-time data is fed from OSIX to Jupiter, which provides a comprehensive array of predefined objects, reports, and KPIs. Each included report is tailored for its particular purpose, and provides a multi-dimensional view with filter and drill-down capabilities. Several reports can then be collected as views, or dashboards, for efficient visual monitoring. For maximum usability, users can of course create their own reports through intuitive report-creating features. OSIX provides real-time analysis and thorough troubleshooting to find the root cause of the problem. Every segment of the transaction is correlated to provide a true end-to-end view. In addition to the multi-leg transaction trace application, a vast range of applications exists for data capture, protocol analysis, analysis of historical data, and much more.

The Polystar difference

To be truly useful as information, data must be digested, organised, and displayed. In many respects, having millions of rows of unstructured data is no real improvement over having no data at all. Polystar provides the solutions that make important data visible and usable—quickly and efficiently.

Why Polystar?

Polystar is the premier supplier of Service Assurance, Network Monitoring and Test Solutions to leading telecom operators, service providers and network equipment manufacturers around the globe. Polystar's innovative product portfolio supports the complete lifecycle of new services and technologies—from design, pre-deployment verification and stress-testing, through roll-out, down to network assurance and service management of in-service mobile, fixed, IP or converged networks. Polystar is recognised as one of the fastest-growing companies in Sweden. Since its establishment in Stockholm in 1983, it has experienced a continuous and sustainable growth, and evolved to a global presence, serving its customers in over 50 countries.