

Quality Management System

Whitepaper

FEBRUARY 2009



SASE

Quality management system

<p>1</p> <p>WHAT IS SASE</p>		<p>It is a multiplatform solution that allows the handling of a set of nodes from a network in a simple and efficient way. The system has been conceived in order to turn complex and routine tasks into an easy network management.</p>
<p>2</p> <p>WHY SASE</p>		<p>The traditional networks, which focus in only one service which use technology of a sigle supplier, has been replaced for complex networks which operation depends on several management systems. SASE provides a single interface with simple tools of configuration and an advanced statistics module.</p>
<p>3</p> <p>WHERE CAN YOU USE IT?</p>		<p>SASE is a fault management, performance performance and provisioning platform that can be adapt to several needs, Iquall Networks counts with a development team who is constantly looking for the enlargement of the reach and capacity of the system.</p>

Uses

The most frequent uses of the systems are:

- 1 NETWORK MONITORING PLATFORM
- 2 VPN/MPLS MANAGEMENT
- 3 APPLICATION MONITORING
- 4 FAULT AND PERFORMANCE MANAGEMENT
- 5 KPI MANAGEMENT
- 6 NETWORK CHANGE AND CONFIGURATION MANAGEMENT

Quality Management System

Obtain the function indicators of network in real time, in seconds using familiar and easy administration tools.

The procurement and management of the network indicators and trustful services (KPI, KQI, etc) are a great challenge and a not easy task when you do not have adequate resources to do so. Being able to use a simple and high quality tool is a challenge to solve those who ponder the quality of service in order to satisfy the client needs.

One of the drawbacks to obtain the KPIs of a network is the variety of technologies that comprise it, that is why many times it is necessary to obtain an indicator to interact with several management systems of different suppliers who are node owners.

With SASE, the management of KPIs is made from a single interface, accessible from any web browser, using simple wizards to use and to maximize operational capabilities of the network nodes.

Another important feature of the systems is an advanced statistics module that allows the generation of online reports of the selected indicators which can be display in a graphical form or exported to the most widely used formats (txt, csx, xml, etc).

Iquall Networks permanently continue to develop the system, allowing the interaction with new vendors and network devices.

The quality management is a differentiating factor in the telecommunication networks of today. Iquall Networks provides the necessary tools to achieve the quality management in an efficient way. Be part of our world of solutions and check how can you get excellent results in the managing of your network by investments commensurate your technological reality.

Cases of use	KPI monitoring	KQI generator	Network design	Engineering Tool

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Operation

SASE servers centralize the daily information of the status, providing statistics reports to the user by the use of an intuitive graphic interface.

Diagram of use

1
The systems take the information of the network nodes and "probes" of SASE, process them and store them.

2
The operator can see the process information at any time using a web interface.

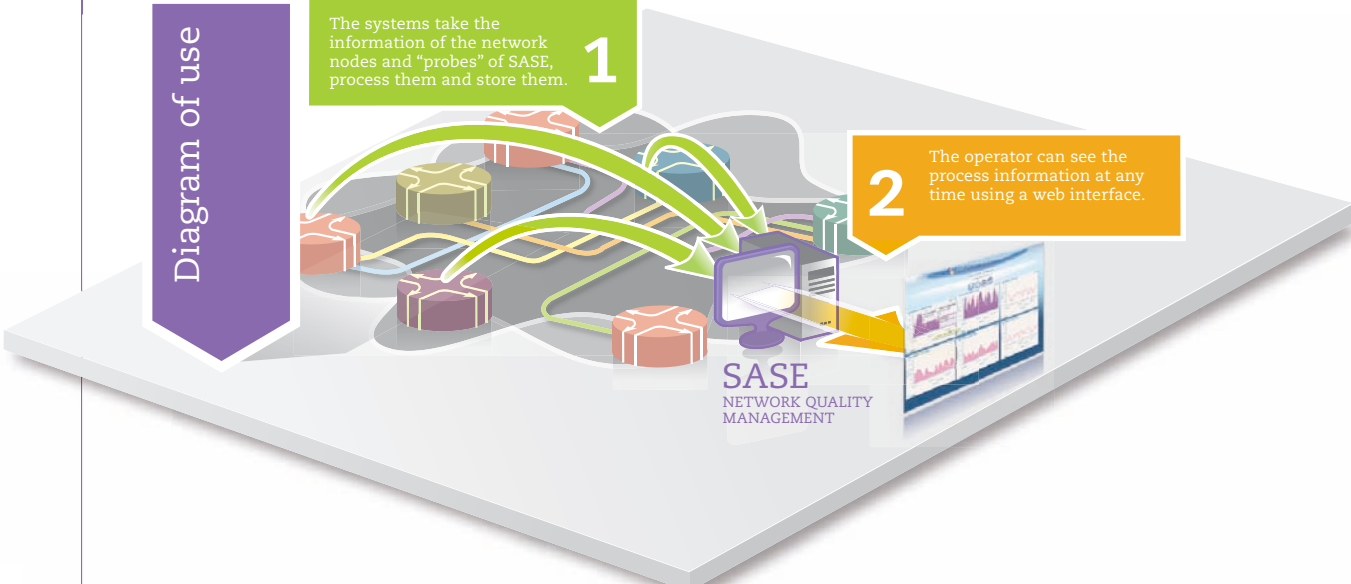
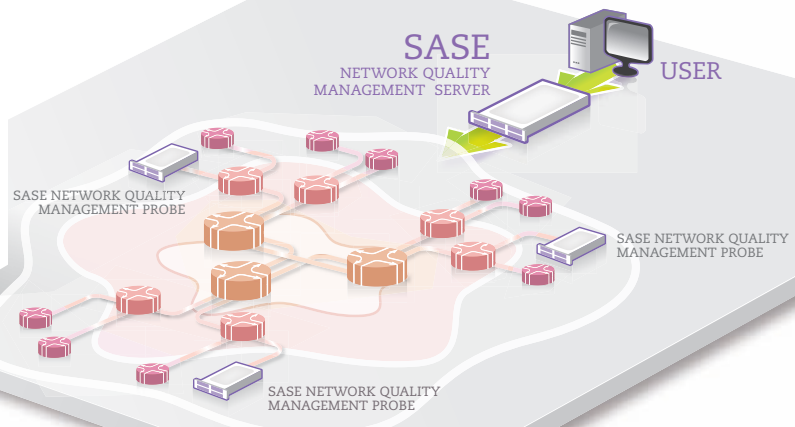


Diagram of the network



Summary

Highlights

- High performance and trust
- Personalization of the service
- Multimodel solution and multivendor
- Troubleshooting tools
- Security and encryption of data

Benefices

- Simplifies the network operation
- Management centralization
- Is independent from the technology already use
- Integration of others management systems by XML/SOAP interfaces and Web Services

Technical specifications

Uses	Management of multiplatform and multiservice network
Support Platforms	Routers, Switches and Firewalls Juniper Networks (Series: M-T-MX-EX-J-E-NS), Routers Redback and Cisco (including IP SLAs support). Servers Linux, Windows, Solaris, FreeBSD/ OpenBSD Node SGSN Ericsson
Support Procoles	SNMP v1, v2 y v3 XML, SOAP, Web Services Access to databases through ODBC, Oracle and MySQL Telnet and SSH Files in csv, txt, fixed size and ASN.1
Operation Non Stop	Support, the configuration can be made in a Hot Stand By Architecture of high availability geographic redundancy
Capacity	Management of 1000 nodes 50 connected users at the same time
Remote management	Support, the management is made by an interphase web available through the use of a commercial browser
Hardware	The system can be installed in any HW that can handle with Linux or Unix. It is not necessary the use of specific networks cards.
Operative System	Linux Unix



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