

Network Monitoring Platform

Whitepaper

FEBRUARY 2009



SASE

Network monitoring platform

<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

Network Monitoring Platform

Have the control and the total visibility of your network from a single interface. Be able to obtain alarms and vital indicators of operations from just a single point of control.

The right handling of a set of nodes will be achieved by using tools that allows the management of the service that the client will receive. A network is not only about isolated equipments, servers, routers, links, etc from each other; a network is about a set of conceived furnishings which should be effective in order to give a service in particular.

Being able to count with this particular tool is a competitive advantage that assures the quality and correct operation of the resources.

The multiservice and multiplatform system created and develop by Iquall Networks is based in the SASE architecture is a versatile tool that concede the operation of a network in a simple way.

The platform is made with the traditional management systems, routers, switches, servers and other network devices, integrating the diverse technologies and providing an only entry to the network.

The administration is achieved through an easy use web interface that allows carrying out complex tracking tasks in seconds.

In addition, the system arranges a panel of alarms that permits the early detection of failures in order to avoid in time mayors incidents in the network.

SASE is not only a management tool; it is a powerful concept that allows the orientation of the handling of a network focusing the same one on the service that it is going to be provided.

Copyright ©2009, Iquall Networks

Whitepaper

Cases of use	Services management, for example: VPNs, 3g APNs	End-to-End Performance Managment	Alarms and networks events GW	Statistics monitoring of platforms

SASE

Network monitoring platform



Operation

The SASE servers centralize the provisioning and the management of the network, avoiding the requirement of access for the users to the platforms by using its intuitive graphical interface.

Diagram of use

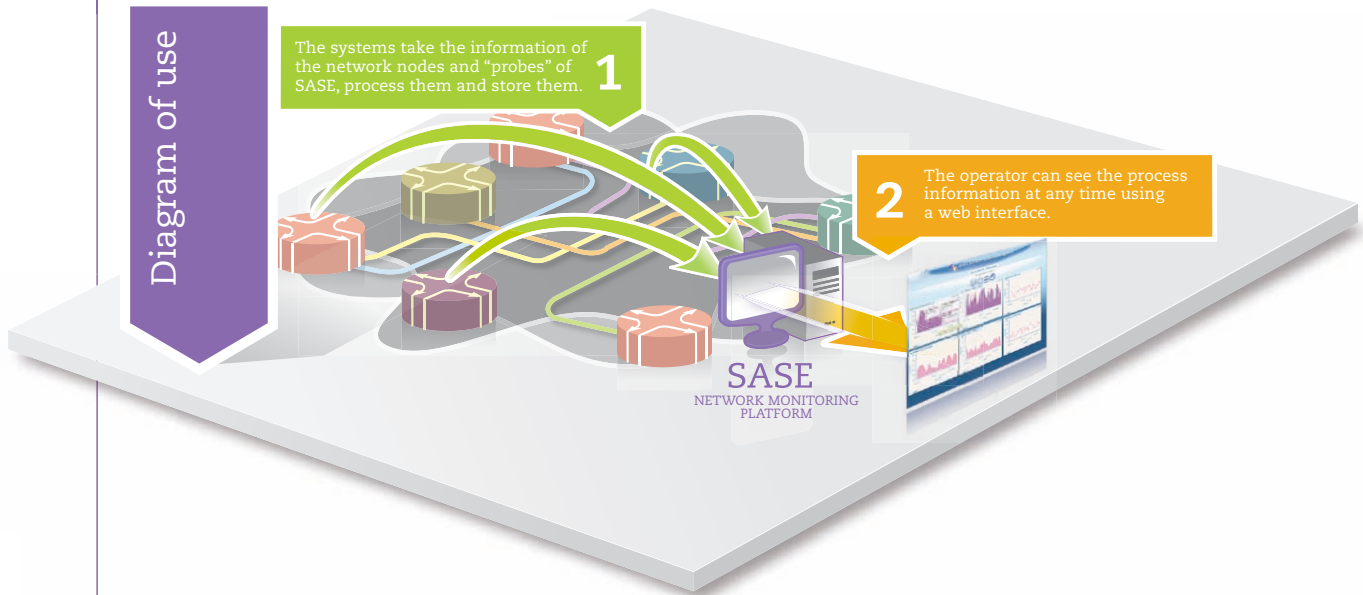
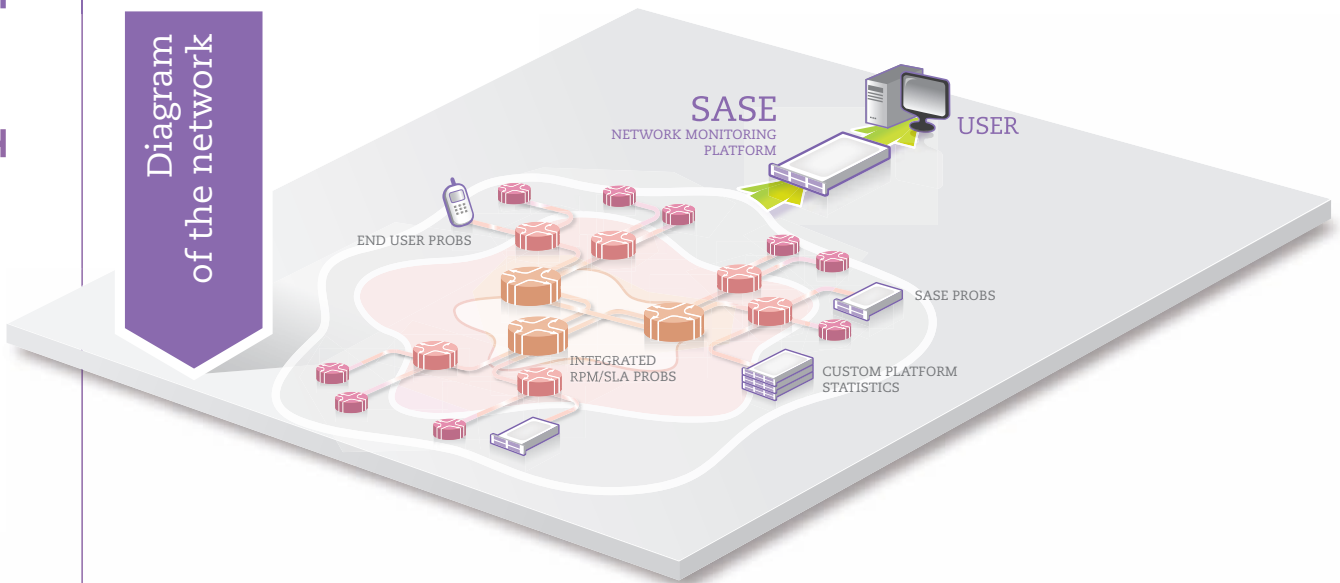


Diagram of the network



Summary

Highlights

- SNMP Integration, Syslog, Templates (Scripting)
- Development of plugins customize with owner platforms
- module of graphic and intuitive platforms
- Fast integration

Benefices

- Online and historic statistics
- Integrated datawarehouse
- Less cost of implementation
- Simplified the network operation

Technical Specifications

Uses	Solution of the Management Performance and Fault Management for services and platforms
Support Platforms	Routers y Switches Juniper (JUNOS, JUNOSE, ScreenOS) Routers y Switches Cisco (Cisco IOS y Cisco IOS XR) Routers Redback Platforms that handle with consults with SNMP/Syslog/Web Services Platforms that handle with Telnet/SSH Customized plugins for owner platforms
Operation Non Stop	Support, can be configured with a HOT STAND BY architecture of high availability of geographic redundancy
Capacity	Scale to more than thousand nodes and "probes" and hundred of users connected simultaneously.
Remote management	Support, the management effectuates from a web interface accessible using a commercial browser
Hardware	The system can be configured in any HW that can handle with Linux
Operative System	Linux Kernel 2.6 (Debian, Redhat, AS, Suse)



Whitepaper

Copyright ©2009, Iquall Networks

For more information you can contact us
by sending a e-mail to sase@iquall.net



IQUALL
NETWORKS

www.iquall.net