**DATA SHEET**

SALSA® MSP and Enterprise Editions

Ipanema Orchestrator

Ipanema SD-WAN, Application Intelligence for the WAN Edge, uses both software and hardware components that collaborate in real time. The central management software component is called the Scalable Application-Level Service Architecture (SALSA®).

SALSA has been specially developed by Infovista (formerly Ipanema) to provide MSPs and Enterprises, **Application Performance Orchestration** via Ipanema services to their end-customers and end-users respectively, including application SLAs enforcement and reporting, that are fast to deploy and easy to operate.

SALSA automatically manages all Ipanema components in a full multi-tenant environment, providing a central and unified management interface to obtain the full visibility and control of application performance over the global enterprise network.
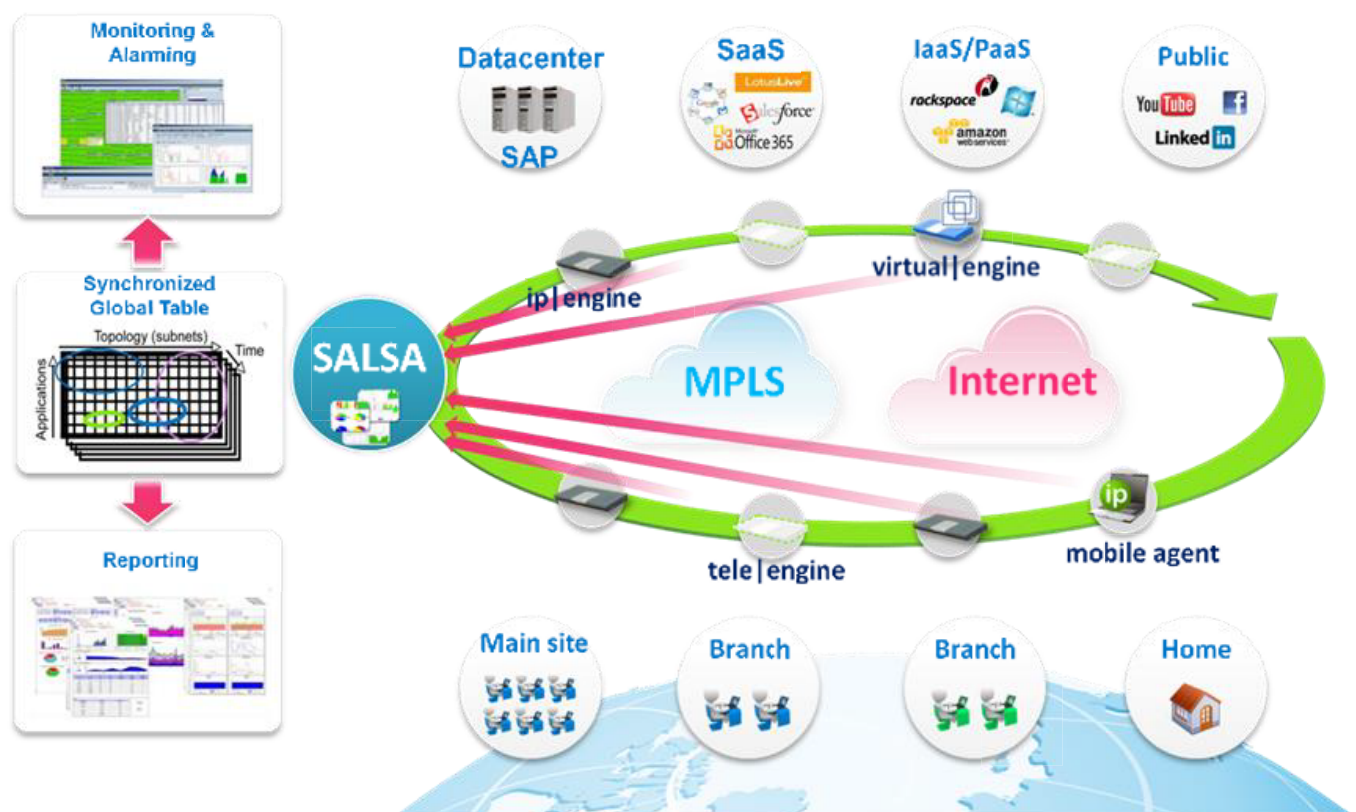
Salsa-MSP And Salsa-Enterprise Editions Provide:

- Provisioning of global application performance objectives

- Activation of Ipanema services across global enterprise networks

- Asset management of Ipanema components

- Real-time view of traffic for trouble-shooting applications and networks

- Flexible reporting of application usage and performance

- High level KPIs (AQS, MOS) that support application SLAs

- Event generation and interfaces to OSS/BSS systems

- Integration with 5View Netflow

- Optional integration capabilities with the MSP's IT environment

These appliances form a distributed and autonomic system that constantly evolves to enforce and most of the time exceed the application performance objectives.

SALSA® (Scalable Application-Level Service Architecture) leverages the benefits of **Ipanema SD-WAN**, enabling managed service providers to deliver a variety of application centric services to their enterprise customers.

Ipanema SD-WAN, links application performance over the network with the enterprise's business goals. The system offers tightly coupled features that together bring a unique level of intelligence to the enterprise network in an all-in-one system:

- **Application Visibility** provides full understanding of application usage and performance over the global network – from the smallest detail up to SLA-based application performance orchestration;

- **Application Control** dynamically adjusts network behavior and resources to the exact application traffic demand – guaranteeing critical application performance in the most complex and changing traffic situations;

- **WAN Optimization** accelerates application response times and offers additional virtual bandwidth to the network;

- **Dynamic WAN Selection** enables Dynamic hybrid WAN for multi-networked sites, selecting in real-time the best path according to actual performance and application traffic characteristics;

- **WAN Security** protects branch Internet connections from threats. It encrypts traffic over IPsec VPNs to public and private DCs. It forwards Web traffic to Secure Web Gateway providers and allows/denies traffic to go directly to the Internet.

> SALSA-Enterprise's modular architecture allows handling small and medium-size deployments on a single server as well as very large networks on a more distributed architecture.

Ipanema SD-WAN guarantees application performance using objectives that are globally defined in SALSA and communicated to all Ipanema appliances. These appliances form a distributed and autonomic system that constantly evolves to enforce and most of the time exceed the application performance objectives.

SALSA periodically collects usage and performance information from Ipanema appliances. This information is consolidated into a synchronous multi-dimensional table that contains details such as application identity, volume, source, destination and quality.

SALSA® (consists of three primary software modules:

- **SALSA domain configuration** is used to configure and supervise Ipanema components. It also collects Application Visibility data from the Ipanema appliances and provides real-time helpdesk, application performance monitoring and alarming functions.

- **SALSA reporting** provides an information base and an advanced reporting engine. It is capable of delivering numerous reports on application usage and performance according to multiple criteria, such as by application type, network site or region and/or time. Reports are automatically deployed through wizards.

- **SALSA platform configuration** provides a unified layer of management at the platform level.

An optional module, ip|export, provides performance and usage measurement data to various third-party systems like OSS/BSS infrastructure and familiar analysis software suites such as Microsoft Excel.

SALSA-Enterprise's modular architecture allows handling small and medium-size deployments on a single server as well as very large networks on a more distributed architecture.

SALSA-MSP's scalable architecture allows handling from small to very large network deployments on a multi-tenant platform. Scalability is ensured at all levels (servers, portals, storage, etc.)

The information is delivered to real-time monitoring, network troubleshooting and alarming tools. Historical views of applications, sites, etc. can be produced for any time period – from minutes to months over a year. Custom reports can focus on specific areas of the network, from a global network view down to any application on a specific site, providing a flexible and complete visibility on applications behavior over the entire network.

SALSA operates through a simple Web interface. An iPhone application is available for anywhere anytime access to customers' business application performance.

	SALSA-MSP editions	SALSA-Enterprise editions
Operating systems	Windows / Linux	Windows / Linux
Virtualization	VMware & KVM support	VMware & KVM support
Number of domains	50 per servers	Up to 5 domains
Number of managed sites	Up to 400,000 sites	Up to 12,500 sites
Real-time granularity	10 seconds	10 seconds
Historical reporting polling period	1, 5 or 15 minutes	1, 5 or 15 minutes
Number of simultaneous reports	Up to 4,000,000 reports	Up to 125,000 reports
Type of reports	Performance, availability, capacity planning, SLAs, ...	Performance, availability, capacity planning, SLAs, ...
Technical metrics	Volume, delay, loss, jitter, response time, accel. factor, etc.	Volume, delay, loss, jitter, response time, accel. factor, etc.
Composite KPIs for SLAs	AQS (Application Quality Score) and MOS	AQS (Application Quality Score) and MOS
Reports consolidation criteria	Any combinations of applications, criticality, sites, etc.	Any combinations of applications, criticality, sites, etc.
Reports time span (default)	Hour, Day, Week, Month	Hour, Day, Week, Month
Events generation (traps, emails)	Flexible combinations of thresholds on any KPIs (AQS, MOS) and any technical metrics – Faults, ...	Flexible combinations of thresholds on any KPIs (AQS, MOS) and any technical metrics – Faults, ...
Portal	HTTPS	HTTPS
IT Integration	Standalone or integration with SSO, LDAP, RADIUS...	Standalone or integration with SSO, LDAP, RADIUS...
Northbound interface	CLI, GWT, REST	CLI, GWT, REST
High availability	Support HA solutions: VMotion, MSCS, SunCluster, etc.	Support HA solutions: VMotion, MSCS, SunCluster, etc.

About Infovista

Infovista, the leader in modern network performance, provides complete visibility and unprecedented control to deliver brilliant experiences and maximum value with your network and applications. At the core of our approach are data and analytics, to give you real-time insights and make critical business decisions. Infovista offers a comprehensive line of solutions from radio network to enterprise to device throughout the lifecycle of your network. No other provider has this completeness of vision. Network operators worldwide depend on Infovista to deliver on the potential of their networks and applications to exceed user expectations every day. Know your network with Infovista.

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KNOW YOUR NETWORK™