

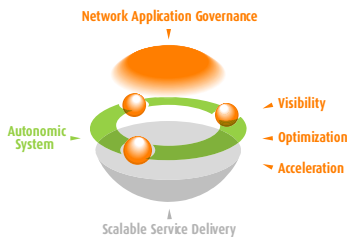
# The SALSA Platform

Business Optimized Networks



The **Ipanema Business Network Optimization Solution**, is an integrated application traffic management solution delivering three key feature sets:

- **Visibility**, providing Control of the network and application behavior,
- **Optimization**, providing the ability to Guarantee the performance of critical applications under all circumstances,
- **Acceleration**, providing the ability to Accelerate all business applications everywhere,
- Those three features sets are delivered through a system architecture: the **Autonomic Networking System**,
- The System empowers **Network Application Governance** functions that directly connects with ITIL or Network Governance processes,
- The System extends into a **Scalable Service Delivery** architecture on which high value and ubiquitous services are being built.



**ipanema**  
Technologies

E-mail: [info@ipanematech.com](mailto:info@ipanematech.com)

<http://www.ipanematech.com>

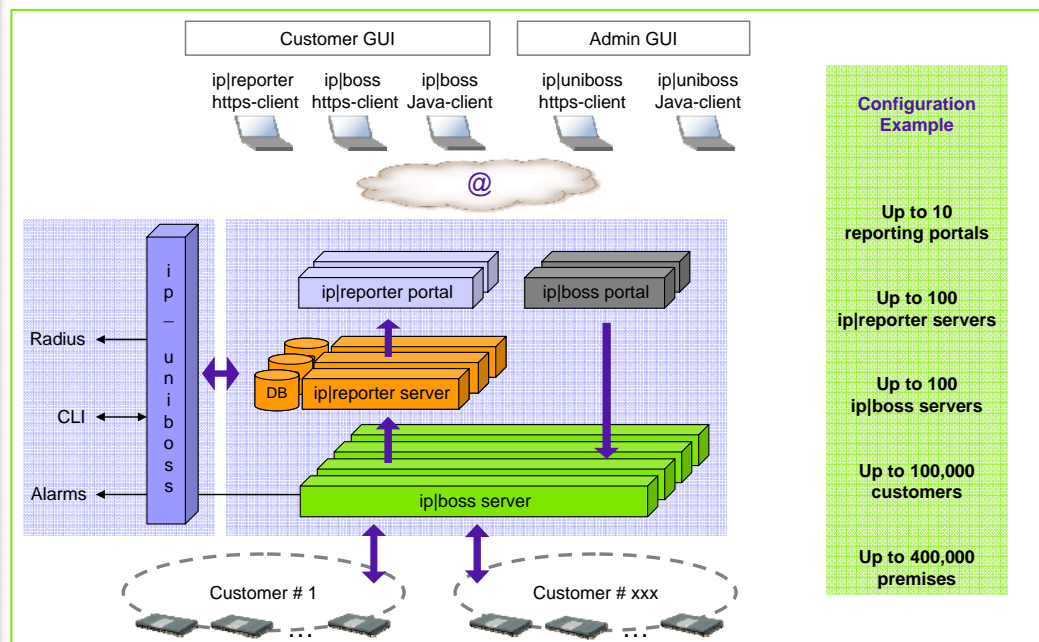
## SALSA (SCALABLE APPLICATION LEVEL ARCHITECTURE)

The **SALSA** (Scalable Application Level Architecture) platform enables Telcos and Managed Service Providers to create high value-added services based on the Ipanema System. **SALSA** is the key component of Ipanema Scalable Service Delivery features.

The Ipanema System's functions: **Visibility, Optimization; Acceleration** and Network Application Governance, can be delivered through the **SALSA** platform as a service to hundreds of customer organizations and hundred of thousands of premises using a single, unified operation center. Thanks to the **SALSA** platform, it is now possible to build application centric services on a large scale while keeping the Total Cost of Ownership to a minimum.

The **SALSA** platform was designed as a carrier class product. It includes comprehensive OSS/BSS interfaces and complies with the highest security standards.

The **SALSA** platform allows for maximum customer service versatility thanks to its unique licensing model whereby a Service Provider, can seamlessly transfer licensing rights between features, devices or customers using the concept of **Ipanema Software Units (ISU)**.



The **SALSA** platform components include:

- **ip|uniboss**: the central front-end that unifies operations across customer domains
- **ip|boss Server**: the basic building block enabling operations over multiple customer domains. It manages all aspect of the Ipanema System and takes an active role in the collection and aggregation of the Visibility metrics
- **ip|boss Portal**: the companion component to ip|boss Server that adds a web-based interface to ip|boss Server features
- **ip|reporter Server**: the basic building block in charge of Visibility's historical reporting functions for multiple customer domains
- **ip|reporter Portal**: the companion component to ip|reporter Server that adds a web-based interface to ip|reporter Server features

## SALSA DETAILED FEATURES

### SALSA management features include:

- ❖ Virtualization of customer domains
  - ❑ Flexible mapping between domains and physical servers
  - ❑ Intra SALSA platform consistency check
- ❖ Centralized domains supervision and configuration
  - ❑ Fast domain selection
  - ❑ High-level view of domains status
- ❖ Fast domain configuration and activation
  - ❑ Automatic per domain watch-dog and restart
  - ❑ Cloning of domains and domain templates
- ❖ Management of software releases across domains
- ❖ Global licensing management
- ❖ Per domain user profiling (read only, read/write, deny ...)
  - ❑ According to user role (admin, helpdesk, provisioning ...)
  - ❑ According to service definition (fully managed, co-managed ...)

### SALSA GUI features include:

- ❖ Thick or thin (Web) client access
- ❖ Customizable skins
  - ❑ Service Provider branding
  - ❑ End-customer branding
- ❖ Customizable and automatic report generation
  - ❑ Per domain report selection
  - ❑ Automatic report creation

### SALSA OSS/BSS integration features include:

- ❖ Interface with third party provisioning, activation and inventory systems through a central API (Global Command Line Interface)
- ❖ Export of traffic information for use with billing systems
- ❖ Interface with third party supervision systems through SNMP traps, emails ...
- ❖ Radius interface allowing integration with centralized Service Provider directories
- ❖ Seamless Integration with Service Provider web portals (WAR packages)

### SALSA high availability features include:

- ❖ Data can be shared between back-up servers
- ❖ Real-time data replication for fast hot/stand-by swap
- ❖ Periodical data hot back-up

### SALSA security features include:

- ❖ Secured communication between SALSA components using SSL
- ❖ SALSA wide user Authorization Authentication and Accounting with support for Single Sign-On

### SALSA configuration example:

- ❖ 1 ip|uniboss
- ❖ Up to 10 ip|boss and ip|reporter Portals
- ❖ Up to 100 ip|reporter Servers
- ❖ Up to 100 ip|boss Servers
- ❖ Up to 100,000 end-customers
- ❖ Up to 400,000 premises

