SaaS collaboration applications
Cloud-Ready Network ensures rollout success

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WAN Governance manages enterprises' transformation to the cloud

The cloud simplifies application delivery at the price of increasing the complexity of traffic control.

For example, SaaS collaboration tools like Google Apps, MS Office 365 and IBM LotusLive have a large impact on the WAN and require perfect traffic control to provide the expected user experience.

Using dedicated SaaS performance objectives, Ipanema's Autonomic Networking System™ (ANS™) automatically aligns enterprise networks to business objectives and brings full control of traffic complexity. ANS supports WAN Governance and turns VPNs into cloud-ready networks.

WAN Governance ensures full control and optimization of all applications over your global network, enabling you to:

- Discover, understand and communicate clear KPIs about application performance

- Control and dynamically optimize public or private applications over complex global networks

- Guarantee performance and enforce application SLAs for all critical applications

- Optimize cost and performance across hybrid networks (MPLS + Internet)

- Encompass all users, wherever they are located

- Provide the agility and flexibility your enterprise requires

Moving collaboration tools from traditional to SaaS deployment mode dramatically changes the way applications flow across the WAN. SaaS applications such as Google Apps, Microsoft Office 365 and IBM LotusLive consume more network resources than traditional applications. Cloud deployments twist traffic patterns, add stress on the network and compete with home-based business applications.

SaaS integration projects that are considered easy, cost-effective and fast can become progressively difficult, expensive and slow to implement. The cost advantages of moving to SaaS can be neutralized by the greater workload and expenses for controlling the network.

SaaS application SLA enforcement with Ipanema's Autonomic Networking System (ANS) automatically secures performance and maintains business continuity during and after SaaS deployment.

Driven by dedicated application performance objectives, ANS ensures that both public SaaS collaboration and private data center applications get delivered according to their application SLAs as new users or sites are added. KPIs provide monitoring of the performance and allow sharing results among the enterprise's stakeholders.

ANS includes native SLA enforcement for popular SaaS collaboration applications such as Google Apps, MS Office 365 and IBM LotusLive. Others can be added in a few mouse clicks.

Powered by ANS, WAN Governance:

- Turns your VPN in a cloud-ready network
- Guarantees user experience
- Accelerates business applications
- Unifies hybrid networks
- Saves on IT costs

A strong ROI - Enterprises using Ipanema's ANS successfully migrate to SaaS collaboration suites like Google Apps and Microsoft Office 365 – and typically postpone bandwidth upgrades by two to four years.

Enterprises using hybrid MPLS and Internet networks typically multiply their global network capacity by 3, while reducing their network spending by 30%.

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Valeo Embraces the Cloud and Maximizes Value

Focused on the design and production of integrated modules and CO2 reduction for the automotive industry, Valeo ranks among the world's top automotive suppliers.

Valeo's IT serves 50,000+ users across more than 160 sites worldwide. It delivers business critical applications such as ERP (SAP) and CAD/CAM (CATIA) as well as collaboration software suite.

To support the migration from its legacy email and collaboration tools to cloud-based Google Apps, Valeo rolled out a hybrid network combining MPLS and Internet.

Using Ipanema's ANS to dynamically control applications performance and routing over its hybrid network, Valeo successfully generalized cloud-based Google Apps collaboration tools while guaranteeing the performance of all its other critical applications and reducing its costs.

"With Ipanema, we divided by three the transfer cost of each Gbyte over our network, while decreasing our global cost by 30% at the same time," says **Valeo's IT Infrastructure Director**.

Ipanema's ANS tightly couples into a single, all-in-one solution the necessary functionality to control and optimize all applications over the global network, including:

- QoS & Control
- Application Visibility
- WAN Optimization
- Dynamic WAN Selection

With the rise of cloud computing, branches become the focal points of enterprise communications. In each branch, private application flows compete with flows coming from the Internet, SaaS applications, hosting locations and Unified Communications.
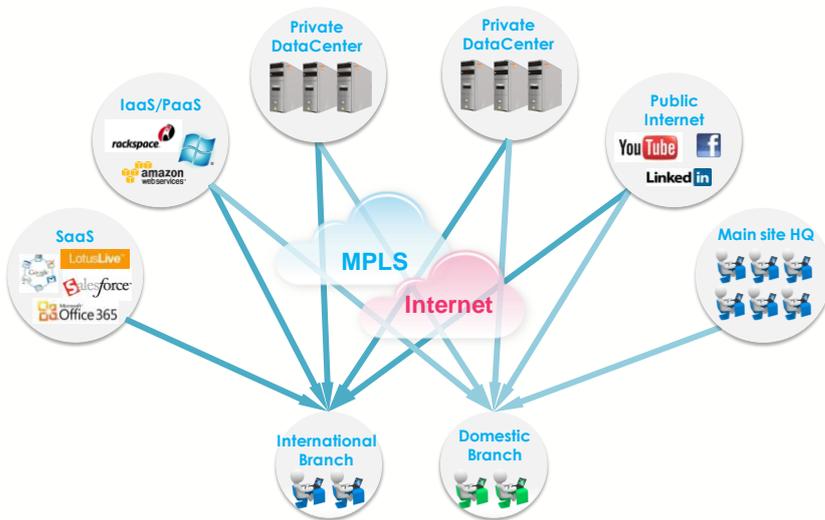
Legacy VPN solutions like MPLS are unable to cope with this new reality. Static, unable to distinguish applications and control flows individually, they might fit for network SLAs but certainly not for application SLAs.

ANS turns your VPN into a cloud-ready network that guarantees user experience and enforces application SLAs for all cloud-based and in-house applications at the same time. Its global and autonomic approach orchestrates individually each application flow and adapts to the real-time user activity.

Organizing automatically the complex and dynamic combination of application flows, ANS makes the best usage of enterprise resources, prevents unnecessary upgrades and maximizes utilization of cost-effective networks like the Internet.

SaaS deployment with central Internet gateway

SaaS deployment with distributed Internet gateway

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