Corente

Coherent by Design

DATASHEET

Corente's Virtual Services Exchange Enables "*Applications Without Boundaries™*"

With customer locations in over 63 countries, Corente's Virtual Services Exchange solves the unique challenges of security, application delivery, performance management and real-time monitoring across the extended enterprise – enabling companies to realize the full potential of distributed business applications across public, private and hybrid IP networks, enabling "Applications Without Boundaries."

Features and Benefits

- Leverage value of existing technology investments without replacement of equipment
- Ensure always-on computing, connectivity and networking
- Enable session, application and server monitoring, tracking and reporting
- Enable security enforcement, monitoring and reporting
- Match business policies to resource use
- Monitor, track, and report for compliance; simplify auditing
- Manage business partner connections
- Prioritize application traffic
- Evaluate SLAs independent of service providers
- Establish secure end-to-end application delivery
- Provide encryption, authentication and authorization
- Operate over any transport and access
- Ensure full mesh of features through one integrated service
- Employ the same security model globally

"This is the most effective service we've ever put in."

"ITW is very decentralized, with more than 625 business units in 44 countries… each one has its own software and systems… Corente provides us with a secured network and lets us push out any new IT applications that we need to provide to business units around the world. And lets us manage the applications that run their business either locally or remotely."

- Gary Anton,
Strategic Sourcing and IT,
Illinois Tool Works (ITW)

Corente's Virtual Services Exchange (VSE) is an integrated, modular service that secures and simplifies the delivery and management of distributed business applications over IP networks. Its patented approach to end-to-end session management, fine-grained monitoring and control, and the ability to work across multiple, diverse service provider networks delivers a complete solution for any application network, It not only monitors, alerts and reports, but it automatically protects, diagnoses, corrects and creates a secure, reliable environment to deliver critical business applications regionally or globally.

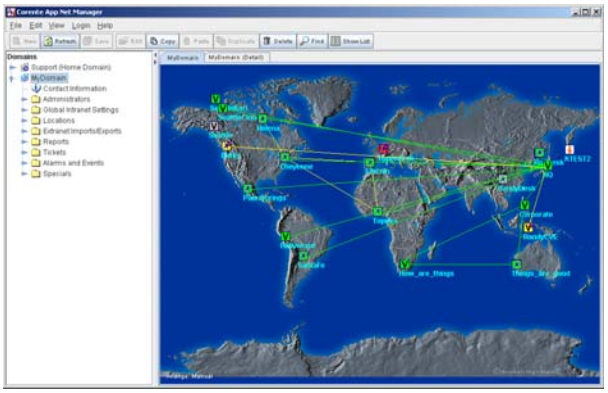
Service Provider Independent

Corente's VSE delivers, secures and manages distributed applications over diverse networks, globally, to any site, over any IP network, regardless of type of transport, access, application or provider involved.

Real-time, Authenticated Administration

Corente's VSE consists of a Corente Virtual Services Gateway installed at each branch or partner location. The gateways create end-to-end connections with each other and establish secure paths over which application traffic can travel. They also maintain separate, out-of-band connections with a Policy Directory database for monitoring, administration and logging.

The applications and their network infrastructure can then be managed worldwide—from a single location—through Corente's web based administration portal. In addition to gateway configuration and deployment, the portal allows administrators to configure system policies; create fine-grained access policies for users, applications, servers and other network resources; manage all connections through the simplicity of drag-and-drop; set thresholds for alerts; monitor real-time status of resources; and view historical reports. Furthermore, administrators can configure and deploy IPSec-based remote access as well as SSL clients. Role-based administration allows creation and maintenance of accounts that can be assigned different permissions over the network.



Embedded Instrumentation and Security

Corente VSE's instrumentation and control system automates, isolates and manages the delivery of applications and services from various sources to diverse locations in a verifiably secure, compliant and reliable manner.

Security, encryption and authentication capabilities include:

- **Tunneling:** IPSec Encapsulating Security Payload
- **Authentication:** MD5 Hash algorithm
- **Encryption:** 192-bit AES encryption
- **Key Exchange:** Internet Key Exchange (IKE) protocol
- **Key Generation:** Public/Private key pairs (1024-bit RSA keys) with immediate revocation

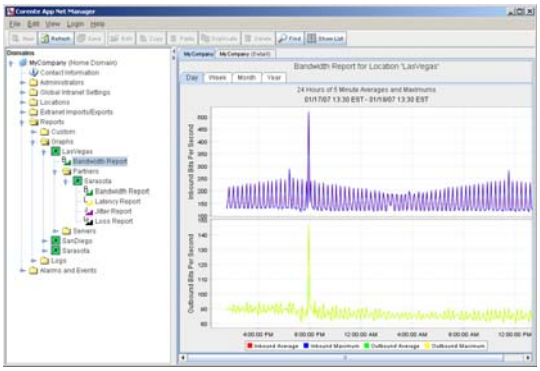
Other key security capabilities include an integrated PKI Certificate Authority, peer to peer authenticated connections, perfect forward secrecy, access policy control and a programmable, managed stateful firewall.

Automated Connectivity Management

The ongoing maintenance of a distributed application infrastructure can require significant time and expense. To reduce this burden, Corente's VSE automates tasks that, manually, would be intensive and error prone.

For example, VSE provides automatic detection, mediation and notification of IP address conflicts. With VSE's Network Address Translation (NAT) and Port Address Translation (PAT) abilities, new sites can be added quickly, without re-numbering subnetworks or the networks of any existing sites.

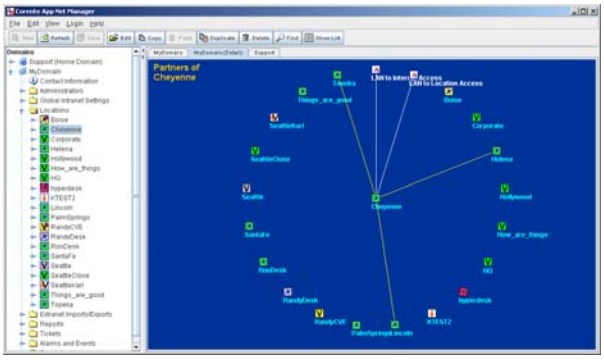
To further facilitate configuration management, Corente provides Ethernet and PPPoE framing, compatibility with OSPF and RIPv2 routing as well as the ability to create static routes, and DHCP client and server capabilities.



Real Time Prioritization

Corente's VSE provides an efficient connection. It introduces less than 1 ms of latency to traffic.

Furthermore, with Quality of Service (QoS) management, Corente allows real-time management of provider and application performance. Unlike traditional solutions, both business and performance sensitivity is used by Corente's VSE. Thus, a performance-sensitive application like VoIP can utilize bandwidth when it is available, but be automatically lowered in priority when another business critical application requires optimum performance.



Business Continuity

Corente allows configuration of each Virtual Services Gateway for the dynamic rerouting of specified applications traffic across multiple access and network paths and back-up datacenters or hosting facilities.

Session-based Monitoring, Alerting & Reporting

Corente Virtual Services Gateways create end-to-end connections and inspect every session they handle, so that non-invasive monitoring is performed on *all* traffic, in real-time, providing visibility into every component of application performance.

Corente's VSE can provide 24x7 monitoring of application, server, gateway and network status, with a variety of configurable alerts and reports as well as complete audit trails of all administrative changes and connections by remote users. Corente's VSE also tracks and logs every application session in Syslog format to provide customers the detailed audited usage and access logs required for security audits and Sarbanes regulatory compliance.

Business Partner Brokering

Corente's VSE Partner Brokering provides mutual consent-based control and management of the complex trust relationships between extranet partners. Each extranet partner is given independent administrative control of their partner connections. VSE can completely shield visibility into the network infrastructures of other extranet partners. Partner connections can quickly be set up or taken down.

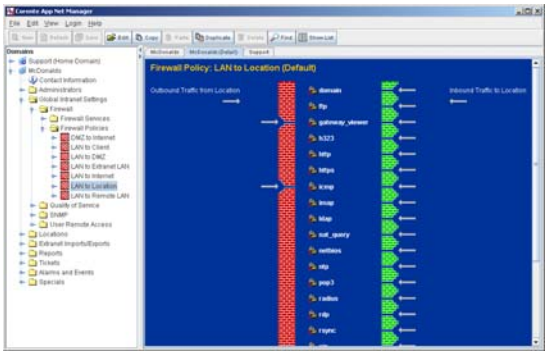
Fast, Easy Deployments and Automatic Software Upgrades

A unique feature of the Corente services architecture is the ease of installation of Virtual Services Gateways. Application delivery to any location around the globe is facilitated through fast and automated installation. Gateways may be (and routinely are) shipped to sites with no trained IT staff, and then successfully installed and configured remotely in under 30 minutes. Furthermore, automatic software updates and upgrades are provided whenever a new software version is released.

Corente VSE ensures an easy integration into even the most complex enterprise environment. Moreover, the software and reporting tools are also easily integrated into other data center management platforms, like IBM Tivoli.

24/7 Customer Care

In addition to unmatched functionality, Corente believes in unparalleled customer care. To that end, Corente provides comprehensive 24/7 Customer Care.



For more information on this product, please contact us via phone toll free 888-783-0383, via email at info@corente.com, or visit our web site www.corente.com.

Corente 80 Morristown Road, Unit 3B • Bernardsville, NJ 07924 • 888.783.0383 • www.corente.com