

The Clearing Corporation expands into Europe with Corente's help

Situation:

Other Alternatives for a Global Applications Network Inadequate

"The network is our lifeline of operation. Corente's approach allows us to deploy a highly secure network that not only boots itself up, but monitors and updates itself as well."

—**Brett Paulson,**
Executive Vice President & Chief Information Officer, Clearing Corporation

The Clearing Corporation and Eurex Clearing of Frankfurt recently announced plans to implement a Global Clearing Link to allow customers to clear European benchmark products in the United States. The Global Clearing Link allows customers of Eurex and Eurex US to choose their clearinghouse and to provide fungibility of certain products between the two exchanges. This will result in collateral pooling, portfolio margining opportunities, cost savings through streamlined processes, and greatly enhanced capital efficiency.

Traditional solutions for high performance and high availability financial clearing house applications used expensive, slow to provision, and difficult to support private networks such as frame relay. Clearing Corporation needed an application delivery solution that was IP-based, could be installed and maintained globally without burdensome complexity, and that offered best-in-class performance monitoring and security.

Thus, they solicited several major carriers and strategic integrators for breakthrough ideas on how to create a global IP network that would be manageable from a cost and operations perspective, but were disappointed with the results.

Solution:

Corente Deploys Quickly and Easily on a Global Scale, with Breakthrough Cost Savings and Operational Efficiency

Clearing Corporation then selected Digital Family as a strategic integration partner. Digital Family recommended a solution that met the company's requirement for a new networking approach to deploy mission-critical clearing applications rapidly, seamlessly, and securely over a heterogeneous network infrastructure. That solution is Corente's Virtual Services Exchange (VSE), an on-demand application delivery solution.

As a bonus, Clearing Corporation will gain better visibility into applications performance and security, and reduce the operations burden on its IT team. This will translate into savings for its customers.

Company

The Clearing Corporation

Industry

Financial Services

Challenge

Connect global customers to Clearing Corporation's Global Clearing Link service with the high performance and high availability of private line services, but without the cost, delay, and support issues.

Solution

Clearing Corporation and Digital Family select Corente's distributed application network service, VSE, to work with Digital Family's automation solutions and enable the creation of a secure global network to deliver financial information and clearing services more effectively

Results

The Clearing Corporation can now connect its customers to its Global Clearing Link service over the public Internet securely, rapidly, and cost effectively, while maintaining the high performance and high availability required for critical financial clearing house transactions.

Corente's Virtual Services Exchange Unique Capabilities

<p>Corente VSE Services Virtualization</p>	<ul style="list-style-type: none"> • Multi-Tenant, Multi-Partner at Carrier Grade Scale • Hierarchical Model For Partners and Customers • Secure Service Brokering Interconnects Partner Security Domains While Preserving Sovereign Control Over Apps and Assets • Dynamic Business Partner Relationship Management Through Secure Service Brokering • On-Demand Cycle Times
<p>Corente VSE Active Policy Directory & CMDB</p>	<ul style="list-style-type: none"> • Global Policy Enforcement With Fine Grained Control Based On User and Site Profiles • Automated Policy Verification and Distribution Control- No Unintentional Policy Mismatches • Configuration Automatically Generated Based On Service Definitions • Business Rule Driven Work Flow and Configuration Automation • The Virtual Services Network Only Runs What Is In the VSE CMDB
<p>Corente VSE Global Control & Surveillance</p>	<ul style="list-style-type: none"> • Total Situational Awareness(TSA) Of Service Quality At All Points of Service • Automated Real-Time Application Services Fail-Over for Data Center and Network • Best In Class Security With AES or SSL Encryption; Multi-Factor User Authentication • Fully Automated PKI For Digital Certificates With Creation, Distribution and Revocation of Certificates • End to End Custody and Compliance Services – Employ The Same Security Model Globally
<p>Corente VSE Embedded Instrumentation</p>	<ul style="list-style-type: none"> • Total Situational Awareness(TSA) of Service Quality At All Points of Service • Proactive, Event Driven and Threshold Based Monitoring and Alerting On Security and Service • Composite Service Level Monitoring For Application, Server and Network • Continuously Monitors Backup/Recovery Readiness
<p>Corente VSE Network Virtualization</p>	<ul style="list-style-type: none"> • Corente VSE Abstraction Layer Enables Complete Service Automation • Policy Defined Automated Provisioning and Configuration • Any IP Network, Anywhere - Private, Public, Hybrid or Any Combination • Automated Address and Connection Management • Integrates With Existing Network & Data Center Infrastructures Without Network or App Modification

Corente Virtual Services Gateway(VSG): On Demand, Downloadable, Service Enabled Edge

<p>VSG: Classic, VM, & VE</p>	<ul style="list-style-type: none"> • Flexible Deployment Model –Virtual Services Appliance, x86 Architecture • Central Configuration and Performance Management For All Services • Automated Policy Checking And Distribution • Automated Software Updates and Upgrades • Authenticated Self Registration On Installation and Site Mobility
<p>VSG-VM</p>	<ul style="list-style-type: none"> • Corente Virtual Services Appliance Operates in Industry Leading Hypervisor Environments: <ul style="list-style-type: none"> • VMWare • Xen • HyperV • Virtual Box
<p>VSG-VE</p>	<ul style="list-style-type: none"> • Corente Virtual Services Appliance with Fully Managed VM Environment For Local Apps: <ul style="list-style-type: none"> • Central Configuration and Performance Management • Automated Installation and Version Management • DNS Services • Guest OS Support: Windows, Solaris x86, Linux

About Corente

Corente enables the enterprise to have full control and optimization of their services delivery networks regardless of the underlying public and/or private IP network. The Corente Virtual Services Exchange is an integrated scalable multi-tenant suite of services that secure and simplify the delivery and management of applications and services to the extended enterprise. Corente's services management, fine grained control, and automated policy configuration based on service definitions are used globally by enterprises in over 63 countries to dramatically improve price performance and transform their IP networks into IT service exchanges.

