Websense Data Security Gateway and Citrix NetScaler SDX Platform Overview
The next generation of SDX platform provides the foundation for further integration. Today, Citrix NetScaler SDX appliances enable consolidating multiple NetScaler instances onto a single purpose-built appliance. Working together, Websense and Citrix will jointly deliver Data Security Gateway on the NetScaler SDX platform. This enables Websense and Citrix to jointly deliver consolidated, best-in-class L4-7 networking services on an open, unified platform.

**Citrix NetScaler Next Generation SDX Overview**

The next generation of the NetScaler SDX platform provides an open platform that makes the whole network app-driven. Unlike monolithic approaches that compromise functional depth for functional breadth by adding piecemeal extensions to existing products NetScaler SDX consolidates best-in-class application delivery services onto an open, unified platform.

The next generation of SDX platform unifies best-in-class L4-7 network services into an application control layer, and can integrate this application control with both existing transport networks and emerging SDN technologies. This application control layer can make emerging L2-3 SDN architectures completely app-driven by using app-centric definitions and policies to simplify network design while making the whole network more intelligent.

The next-generation of SDX provides:

- **Control** by creating a unified application control layer composed from best-in-class L4-L7 network services.

- **Simplified** administration by using a prescriptive, app-driven approach for defining networking policy and topology and automating network configuration.

- **Consolidation** of network services while preserving best-in-class network functionality.

- **Intelligence** by ingraining application intelligence and comprehensive control into both existing L2-3 infrastructures and emerging SDN architectures.

The dynamic nature of cloud services requires a level of app-awareness, control and flexibility and that go beyond the capabilities of today’s data center networks. Together, by integrating Websense Data Security Gateway (DSG) and powered by the next-generation of SDX, Websense and Citrix are delivering this app-awareness, control and flexibility to today’s networks and tomorrow’s SDNs in an open and unified manner.
Websense Data Security Gateway Solution Overview

Software defined networks are further enabling cloud computing for the fast adoption of mobility endpoints driven by consumerization and specialty apps. In this new era of app white listing by vendor or enterprise app store, the core security concern becomes data protection and less on malware. The device may not be enterprise owned, nor the network or the app itself; however the confidential data is an enterprise concern and risk to manage.

NetScaler for SDN enables application deployment from a holistic perspective using AppTemplates coalescing application-specific traffic management, acceleration and security policies into simple yet powerful control containers. Websense DSG provides data loss prevention (DLP) and data theft defenses for the SDX application control layer.

DSG provides enterprise-grade DLP with over 1,600 policies and templates easily selected by country and industry for specific regulatory compliance. These policies and templates are maintained by Websense data security engineers. DSG also uniquely contains data theft defenses to detect the use of custom encrypted uploads, password file data theft, slow data leaks (drip DLP), optical character recognition (OCR) of text within images, and geo-location destination awareness. With DSG you get DLP for data-in-motion and data theft defenses.

Data-in-motion flows through DSG as part of the AppTemplates application control layer to monitor and prevent registered data (e.g. fingerprinted data through data discovery), structured data within dictionaries, patterns and expressions, plus policy and template controls for regulatory compliance to prevent data loss. Natural language processing enables high accuracy in DSG with network options to quarantine, block, remove content or send to a third party encryption gateway. Automated notifications remind users of policy rules to reduce the rate of occurrence (RO) for violations, plus all incidents are tracked via an audit log.

Network monitoring of Web (HTTP), secure Web (HTTPS), email (SMTP), mobile email (ActiveSync), instant messaging, FTP, network printers, dynamic Web 2.0 content, and more are provided with DSG.

Customer Value

Leveraging the next-generation of SDX platform comes with peace of mind that confidential data can be protected from loss or theft with Websense Data Security Gateway. A single data breach or theft can change the direction of a company as the topic is now at boardroom levels and fines can impact a quarterly close with significant percentages of revenue. Using DLP as a defense, DSG uniquely detects data theft communications and evasive techniques used by cybercrime, plus the value of enterprise-grade DLP with over 1,600 policies and templates for regulatory compliance by region and industry.
Integration Strategy and Use-Cases

While consumerization has proven the value of apps on mobile devices, enterprises are now planning and implementing apps to upgrade their business processes, use of tablets and mobile device technologies in field operations, and streamline infrastructure with cloud computing and software defined networking. Confidential data that lives within network perimeters on homogenous PC environments prone to malware and advanced threats is moving to the world of mobility, specialty apps and cloud computing where data protection from loss and theft is paramount. Specific use cases may involve the following data types:

- Customer information that is personal identifiable information (PII)
- Payment card data (PCI) from financial transactions
- Personal identifiable healthcare (PIH) information protected by regulations
- Intellectual property (IP), confidential and strategic planning information
- Financial results and forecast information with board members and PR firms

Key to all DLP projects is having a clear execution strategy and methodology that focuses on risk reduction. Best use cases of DLP involve prevention and blocking of data loss violations, plus using DLP as a defense to detect and stop data theft.
About Citrix
Citrix (NASDAQ:CTXS) transforms how businesses and IT work and people collaborate in the cloud era. With market-leading cloud, collaboration, networking and virtualization technologies, Citrix powers mobile workstyles and cloud services, making complex enterprise IT simpler and more accessible for 260,000 organizations. Citrix products touch 75 percent of Internet users each day and it partners with more than 10,000 companies in 100 countries. Annual revenue in 2011 was $2.21 billion. Learn more at www.citrix.com.

About Websense
Websense, Inc. (NASDAQ: WBSN), a global leader in unified web security, email security, mobile security, and data loss prevention (DLP), delivers the best content security for modern threats at the lowest total cost of ownership to tens of thousands of enterprise, mid-market and small organizations around the world. Distributed through a global network of channel partners and delivered as appliance-based software or SaaS-based cloud services, Websense content security solutions help organizations leverage social media and cloud-based communication, while protecting from advanced persistent threats and modern malware, preventing the loss of confidential information, and enforcing internet use and security policies. Websense is headquartered in San Diego, California with offices around the world. For more information, visit www.websense.com.