Access Enforcement for Self-Defending LANs

Company Overview

Founded in August 2003, ConSentry is a secure networking company providing a breakthrough access enforcement platform that continuously secures enterprise LANs. The ConSentry Platform, powered by a patent-pending multithreaded processing architecture, delivers unprecedented network visibility into enterprise LAN traffic — from Layer 2–7 — to provide real-time user, application and infection control from a single platform. Delivering a plug-and-play, inline appliance, ConSentry is redefining the price/performance security model necessary for vigorously defending enterprise LANs.

Investors

ConSentry closed its Series B financing of $12 Million in June 2004 from Sequoia Capital (Cisco, 3Com, Netscreen, Stratacom), and Accel Partners (Foundry, Arrowpoint, Redback).

The Enterprise Challenge

Organizations continue to scramble to stave off increasingly destructive "zero hour" attacks from sophisticated worms and viruses and internally driven "digital" sabotage. While many perimeter point products ranging from firewalls to intrusion prevention and anti-virus systems claim to eliminate or prevent these attacks, the sobering reality is that they don't. They may provide additional layers of security to slow down the frequency with which they occur, but organizations are still being victimized by security breaches – especially within interior networks - with alarming regularity that is causing significant financial damage.

Enterprises now recognize that legitimate threats have to be identified with much greater accuracy and speed, and must be contained and controlled virtually in real time in order to prevent widespread damage. At the same time, the dreaded security/performance tradeoff simply has to be eliminated in order for this vision to become reality.

The ConSentry Solution

Delivering this ambitious agenda requires a new generation of network security solutions. No longer can security, application performance management, and networking be treated as three separate disciplines, implemented via a complex and occasionally conflicting overlay of architectures and products. These disciplines are all related to the same common requirement — creating a network that controls the networked services that authenticated users are authorized to access and are impervious to all kinds of intentional and unintentional network abuse.

ConSentry is delivering a new control platform that not only forwards packets efficiently, but is user, application and policy-aware. Featuring groundbreaking multi-threaded processing power, ConSentry's control platform can:

- Examine every packet leaving and entering the network across layer 2 – 7 at multi-gigabit speeds, without degrading network and application performance
- Accurately determine anomalies in network traffic (based on connection rate behavior vs. attack signatures), in real time without triggering false positives
- Isolate, contain and control the source of attacks, and unauthorized access down to the individual user level in real time
- Enforce company-defined security policies within the enterprise LAN to prevent network meltdowns

> "Controlling packets is now more important than forwarding packets."
>
> **Jeff Prince, CTO, ConSentry Networks**

ConSentry Technology

Multi-threaded technology is now seen as the natural evolution to computer architectures, with companies such as Intel and SUN working on 4 to 16 CPUs. The LANSHIELD™ processor embodies the Multi-threaded Technology with 128 CPUs, developed to fully exploit the parallelism of LAN-based communications, while addressing the memory demands of those applications. LANSHIELD™ is built with multiple 32-threaded tribes, each with a dedicated external memory, but also with access to the memory of the other tribes through a high performance interconnect.

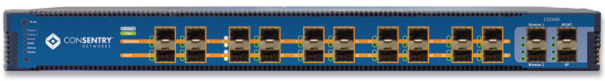
Key characteristics of the LANSHIELD™ processor include:
a) High throughput for very deep packet analysis.

b) Ability to access significant amount of memory on a per packet basis

c) An industry standard "C" development environment

Executive Team

- **Jeff Prince** (Executive Chairman and CTO) previously founder of Foundry Networks and Centillion
- **Tom Barsi** (CEO) previously co-founder/VP Marketing & Business Development of VINA Technologies
- **Mario Nemirovsky** (VP and Chief Scientist) pioneer in multi-threaded computing, previously Chief Scientist, National Semiconductor
- **Faizel Lakhani** (VP Marketing) previously VP of Marketing Caspian Networks and Nortel Networks
- **Dean Hickman-Smith** (VP Worldwide Sales) previously VP of Emerging Technologies Juniper Networks



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