



## Corporate Overview

<b>Company</b>	2455 Augustine Drive, Suite 211 (Headquarters) Santa Clara, CA 95134 408.654.8900 (voice) 408.644.8933 (fax)
<b>Established</b>	December 2003
<b>Woven's Business</b>	Woven Systems™ is the leading innovator of Ethernet fabric solutions, which enable a new business model for enterprises focused on building highly efficient, scale-out computing environments that reliably improve application performance, scalability, and availability for their demanding, mission-critical networks.
<b>Management</b>	<ul style="list-style-type: none"><li>▪ Jeff Thermond, President and CEO</li><li>▪ Bert Tanaka, Chief Technology Officer</li><li>▪ Dan Maltbie, Chief Product Officer</li><li>▪ Derek Granath, Vice President, Marketing</li><li>▪ Mike Langley, Vice President, Sales</li><li>▪ James Liao, Vice President, Software Engineering</li></ul>
<b>Funding</b>	The company is venture funded by Goldman Sachs, Palomar Ventures and MDV-Mohr Davidow Ventures.
<b>The Market</b>	<p>The rapid adoption of scale-out network servers with multi-core CPUs, server virtualization, and Service Oriented Architectures are driving requirements for higher bandwidth per server, lower server-to-server latency, and quantum increases in the number of server connections, at lower cost per connection.</p> <p>Until recently, the options for scaling network infrastructure were inadequate because of limited Gigabit Ethernet (GE) scalability and the added latency and complexity of Layer 3 routing. Woven Systems eliminates Ethernet's scalability limitations with high port density, low-latency switches that enable enterprises to build massively scalable 10 GE fabrics that revolutionize network performance.</p>
<b>Woven Ethernet Fabric Switches</b>	<p>The Woven EFX 1000 Ethernet Fabric Switch is the first of a new class of switches to meet the growing needs of interconnect requirements and applications targeting multi-core servers, server consolidation and virtualization, IP storage, and data center grids. With up to 144 10 Gigabit Ethernet (GE) ports, the EFX 1000 delivers the industry's highest port density available today. The switch is packaged in an energy-efficient chassis that can be connected in multi-path meshed topologies to create massively scalable Ethernet fabrics.</p> <p>Woven's unique switch architecture incorporates patented vSCALE™ packet processing technology to efficiently manage the distribution of traffic through the switch fabric. The Active Congestion Management feature dynamically monitors end-to-end Layer 4 traffic flows to detect congestion across a large fabric and</p>

automatically redirects traffic onto less congested paths, while maintaining in-order packet delivery. Fully IEEE standards-compliant, the EFX switch delivers massive scalability, powerful performance and operational simplicity for supporting business critical applications.

#### **EFX Fabric Switch Highlights**

- **Industry's highest capacity Ethernet switch** - 144 10 GE ports, fully non-blocking in a single 10 RU chassis
- **Industry's first Ethernet Fabric solution** – 4000+ port non-blocking fabrics
- **High performance**
  - ▶ ~1.5  $\mu$ s port-to-port latency, ~ 4  $\mu$ s latency across a 4000-port fabric
  - ▶ Active Congestion Management – monitors congestion and rebalances application traffic flows across end-to-end paths to ensure optimal throughput
  - ▶ Application resource management – partitioning of fabric resources for logical separation of server, storage, and network resources for different applications
- **High availability** – redundant hot-swap fans, power supplies, management cards
- **Lower cost of switching**– 1/5 the cost, 1/5 the power, 1/5 the rack space of alternative 10 GE chassis solutions
- **Simple to operate**– seamless in-service upgrades, conforms to all IEEE Ethernet standards for ubiquitous interoperability

#### **Solutions**

Large enterprises rely on Woven to improve application performance, improve availability and reliably allow higher average network loads. Unlike traditional Ethernet solutions, Woven switches can be interconnected to build resilient, low latency, non-blocking meshed Layer 2 fabrics scaling to over 4000 10GbE ports. Woven delivers Ethernet fabric solutions with twice the port density, 1/5 the power consumption, and 1/5 the price per port of competitive offerings.

**High Performance Computing (HPC)** – Woven Systems makes it easier to build HPC cluster systems. With Woven's Active Congestion Management technology which dynamically rebalances traffic across the network, a single 10 GE fabric lets users run different applications with varying workloads without re-tuning the underlying network, so that system owners obtain a far greater return on their investments. Ethernet also greatly simplifies network administration, such as backup and upgrades.

**Internet Data Center (Web 2.0)** – With Woven Ethernet fabrics, Internet service providers can now confidently deliver high-bandwidth services to a broader range of customers. Premium high-performance, media rich services can be added and cost-effectively extended to small and medium-sized businesses. Plus Woven can reduce deployment schedules by weeks or months, because one Ethernet fabric greatly simplifies launching applications and services.

**Enterprise Data Center** – Woven eliminates Ethernet's traditional scalability limitations by implementing an innovative scalable Ethernet fabric for the data center, delivering optimal application performance and the lowest latency. Woven Ethernet fabrics give IT administrators the ability to guarantee network resources as broadly or narrowly as desired. IT administrators can partition

bandwidth to reserve fabric capacity for specific applications – such as online transaction processing or storage back-up – while remaining fabric bandwidth may be shared by less critical applications.

**IP Storage** – Network operators can count on “Storage Grade Ethernet” from Woven Systems. With the industry’s first 10 GE fabric solutions, Woven offers a resilient, low-cost, high performance alternative to Fibre Channel for both IP SAN and NAS applications. Designed to meet business-critical storage needs, Woven Ethernet fabric solutions deliver the required scalability for enterprise storage networks. Active Congestive Management continuously monitors and re-balances traffic creating a lossless fabric.