



EXECUTIVE SUMMARY

Partner Affiliation

- Cisco Technology Developer Partner
- Cisco Industry Solutions Developer Program

Associated Cisco Solution

- Cisco InfiniBand Server Fabric Switching Solution
- Cisco IP-to-IB bridge solution (for Ethernet-InfiniBand coexistence)

Customer Benefits

- Increased cost-effectiveness through ability to scale existing infrastructures for intelligent data access
- Increased performance (reduced latencies) for leading-edge requirements, allowing servers to handle up to four times the number of requests in less time
- Ease of implementation for reduced application and infrastructure complexity
- Protection of investments in legacy systems, networks, and applications
- Smooth migration to next-generation replacement for publish-subscribe architectures that flood companies with unwanted data and network traffic

Targeted Industries

- Financial services

Geographical Regions Served

- Global

Wombat Financial Software: High-Speed Market Data and Messaging Platform

Partner Overview

Wombat Financial Software, Inc., leads the financial trading technology market by providing a high-speed market data and messaging platform with direct connectivity to more markets in more countries and for more asset classes.

Wombat Market Data Distribution technologies, middleware products, algorithmic trading solutions, compliance tools, and Exchange solutions are sold to financial institutions such as investment banks and hedge funds and are used to accelerate, normalize, and analyze financial exchange data.

Partner Solution Description

The Wombat platform overcomes key technology obstacles relating to traditional market data access while it protects investments in the legacy infrastructure and applications. By partnering with Cisco®, Wombat integrates API, middleware, and bridging solutions required for customers to painlessly combine the new high-performance, highly scalable platforms with existing solutions at their own pace.

The Wombat market data and messaging platforms give customers a choice of middleware solutions for normalizing data from market feeds. Wombat's newest and highest-performing middleware choice, Wombat Data Fabric, provides new levels of speed with flexibility, since applications can be moved around simply by relinking them using a common API. By abandoning the limitations of publish-subscribe designs, this completely new remote memory read-based architecture significantly reduces the processing requirements for servers, minimizes the network traffic related to data access, and simplifies the overall infrastructure and applications, which increases



performance and decreases total cost of ownership. Financial services companies can rapidly introduce next-generation solutions that enable new levels of responsiveness and throughput from both systems and networks, without abandoning systems and applications that still work.

Core Components of the Partner Solution

Highlights of the Wombat solution include several technology advancements:

- **Middleware Agnostic Messaging API (MAMA):** A single messaging API binds four underlying middleware choices (Wombat Data Fabric, 29 West LBM, Wombat TCP Middleware, and TIBCO Rendezvous) allowing customers to port applications as needs change without touching their application code.
- **Wombat Data Fabric:** Designed for high-speed environments, the world's first native InfiniBand middleware takes advantage of the built-in intelligence on the Cisco InfiniBand host channel adapters to perform remote direct memory accesses (RDMA) and give publishers and subscribers "kernel bypass" access or "zero-copy networking." The new scheme replaces mass

publishings of all data to all subscribers and the related server- and network-intensive transfers with efficient, low-overhead on-demand read capability for each subscriber.

- **Connectivity:** Wombat provides a range of feed handlers and gateways to facilitate communication with data feeds from more than 100 markets worldwide.
- **Cisco IP-to-IB bridging solutions:** These facilitate seamless data sharing between legacy Ethernet environments and new InfiniBand environments.

Related Cisco Products

- Cisco InfiniBand SFS products
- Cisco IP-to-IB bridging products

Related Partner Information

For more information about the technology advances and innovations offered by Wombat, go to www.wombatfs.com and click on the link for middleware information.

For More Information

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