

Kabira Financial Payment Switch

A next-generation payment switching solution

Key Benefits

- Leverages legacy systems, runs on commodity hardware
- Scalable both up and out
- Business Process Modeling in SOA-compliant architecture speeds time-to-market
- Unique software layer High Availability endows both data and applications with HA without requiring clusters or redundant hardware

Key Differentiator

Kabira's memory-resident architecture gives it unparalleled performance and scalability, unlike proprietary systems and unwieldy hybrid solutions that rely on clustered servers for performance and scaling.

Kabira provides the most headroom for growth

Kabira is proven to deliver 4,500 TPS per machine. Other solutions require a substantially higher number of CPUs to meet the same performance numbers

Kabira Financial Payment Switch™ is pre-packaged software that provides banks, acquiring, payment processing and issuing institutions with an extensible, high-performance acquiring and switching solution. Built to run on low-cost commodity hardware, Kabira scales easily and is designed to provide flexibility and reduce overall systems costs without requiring businesses to rip and replace existing payment networks.

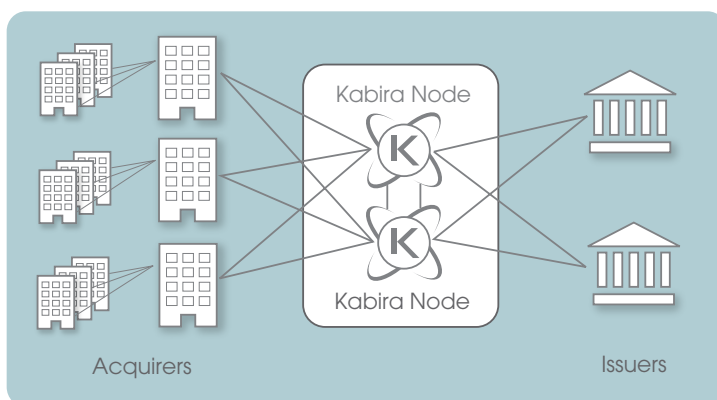
The Kabira Financial Payment Switch stores data, applications and logic in-memory, achieving mainframe-class speeds and reliability while endowing the system with flexibility, efficiency and lower overall system costs absent in rigidly-designed legacy systems or traditional open-system solutions.

At its core is the Kabira Transaction Platform™, which seamlessly connects disparate payment systems and provides a flexible framework for innovation. Enterprises can adapt quickly to changes in their business—such as adding a new channel or changing routing paths—to significantly reduce time-to-market and maintenance costs.

Kabira Financial Payment Switch Features

- Configurable business services out of the box
- Pre-built transaction delivery workflows
- Support for ISO 8353 messaging standard
- Network and key (credential) management
- Message normalization
- Support for rules-based fraud detection
- Dynamic protocol modification
- Dynamic routing rules modification
- Transaction capture
- Negative file check
- Centralized, Web-based administration
- Secured network communications support

Kabira Financial Payment Switch Distributed System



Supported Protocols

Network

TCP/IP
X.25
Telnet
FTP

Software

ISO 8583
XML
Custom Protocol
Web Services
SOAP
BPEL

Operating Environment

Software

Operating Systems: Linux,
Solaris

Hardware

SPARC platforms
Intel platforms

The Power is in the Software

Kabira delivers...

- The data access speed of an in-memory database
- The flexible logic of an application server
- The high-speed transport and dynamic routing of EAI middleware
- The transaction processing speed of specialized systems
- The resilience and fault tolerance of high-availability hardware

...all running on low-cost commodity hardware

Truly Lower Total Cost of Ownership

- Reliable, cost-effective alternative to costly mainframe solutions or hard-to-maintain hybrid solutions
- Easily integrates with rapidly changing networks without compromising service reliability and availability
- Single, extensible, robust platform reduces operating costs, cost-per-transaction, maintenance and hardware costs
- Portability of high-availability applications across hardware platforms, operating systems, storage systems and middleware
- Unified, modular architecture has power and flexibility to meet future demands, assuring long-term ROI

Kabira Transaction Platform

Kabira's multi-function, memory-resident platform is the heart of the Kabira Financial Payment Switch. It performs data management, replication, event-driven messaging, processing and monitoring in a 64-bit runtime environment. Kabira provides data to processing agents an order of magnitude faster than is possible with access from disks.

- Kernel-threaded event execution architecture
- Inherent High Availability at the software level distributes HA to data and applications
- High-speed connectivity to external systems
- Scales both up and out for large-scale data-center deployments
- Scales down for small-scale edge deployments
- Uses Business Process Modeling (BPM) in SOA-compliant architecture
- Automatic failover and recovery

About Kabira

Kabira Technologies provides high performance real-time transaction processing software for the financial payments and telecom services industries. Kabira's "always on" technology has been deployed globally by more than 100 enterprises that need 24 x 7, mission-critical transaction processing capabilities. These enterprises include AT&T, Bank of America, France Telecom, NTT Data/CAFIS and VISA-US. Kabira is headquartered in San Mateo, CA, with offices worldwide.

Kabira Technologies

1850 Gateway Drive,
5th Floor
San Mateo, CA 94404
USA
Tel: +1 650 931 3700
Fax: +1 650 931 3799
info@kabira.com

Kabira Technologies UK

2nd Floor, The Eclipse
5 Bath Road
United Kingdom
Slough, Berkshire SL1 3UA
Tel: +44 (0) 1753 787200
Fax: +44 (0) 1753 787272

Kabira Technologies France

11, rue Scribe
75009 Paris
France
Tel: +33 1 44 51 70 90
Fax: +33 1 44 51 00 80

Kabira Technologies Japan

Pacific Century Place, 8F
1-11-1 Marunouchi
Chiyoda-ku, Tokyo
100-6208
Japan
Tel: +81 3 6860 8310
Fax: +81 3 6860 8544