

HP INTEGRITY NonSTOP BLADESYSTEM PLATFORM:

What our partners are saying (and doing)



T*The NonStop Multicore Architecture (NSMA) is the framework for the new HP Integrity NonStop NB50000c BladeSystem platform, which is based on the Intel® Itanium® 9100-series processor. This exciting new platform, which leverages hardware components from multiple HP divisions, takes performance to a new level by utilizing Intel's innovative microprocessor design more fully than ever before. The following pages showcase some key solutions available on the Integrity NonStop BladeSystem platform.*

ACI Worldwide

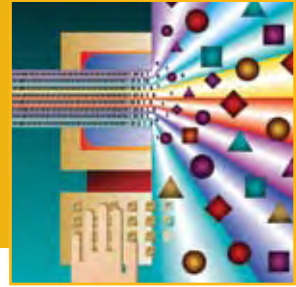
"ACI and HP share a significant customer base of large banks, retailers, and processors running our applications. We believe the HP Integrity NonStop BladeSystem platform should help customers enhance throughput by routing more transactions through their payment engines. The multi-core technology should provide a cost-effective way for our customers to gain additional return on investment."

—Don Harris, Strategic Alliance manager, ACI Worldwide

ACI DEVELOPS, MARKETS, AND SUPPORTS A VARIETY OF software products, collectively referred to as the ACI Payments Framework and used by many of the world's largest banks, retailers, and payment processors. ACI products for the HP Integrity NonStop system environment include BASE24 and BASE24-eps.

BASE24 is an integrated, state-of-the-art electronic funds transfer (EFT) processing and switching system that provides ATM and POS terminal driving, transaction authorization, flexible routing, host and interchange interfaces, settlement, reporting, network control, and stored-value functionality. The system provides organizations with a robust, high-performance, fault-tolerant solution for delivering services through ATMs, kiosks, the Web, POS, and other self-service devices.

BASE24-eps is an integrated payment engine that uses a component-based framework and task-oriented GUI to support specific acquiring endpoints, back-office systems, transactions, and new services. Features include high-volume, scalable, and reliable processing; consumer authentication and authorization through a powerful scripting engine; and support for common POS and ATM



delivery channels as well as newer channels such as the Internet and Web ATMs. BASE24-eps provides flexible switching and routing to major networks, card associates, and processors, along with comprehensive support for consumer e-payment transactions.

- ◆ **Key products:** BASE24, BASE24-eps
- Website:** www.aciworldwide.com

Bowden Systems

“Transaction continuity and security are essential in the mission-critical operations for which global customers choose HP Integrity NonStop technology. At Bowden Systems, we are very pleased to extend these capabilities to the Integrity NonStop BladeSystem, which will deliver a new level of performance to the enterprise.”
—Ron Bowden, CEO, Bowden Systems

BOWDEN SYSTEMS INC. TARGETS THE COMMUNICATIONS, financial, and manufacturing sectors with its software solutions for the HP NonStop platform. Key applications that will run on the Integrity NonStop BladeSystem include NSK-NTP and NSK-SNTP (time synchronization solutions) and NSK-SSH (a secure shell solution). NSK-NTP and NSK-SNTP ensure that all blades are synchronized to within 1 second to 1 millisecond of a time source, for transaction continuity across multiple heterogeneous platforms. NSK-SSH helps protect the Integrity NonStop BladeSystem from attacks by any external source. This solution provides encrypted access for File Transfer Protocol (FTP), sessions, and copying across multiple systems.

Many Fortune 500 companies worldwide already rely on the cost-effective solutions from Bowden

Systems. For financial services enterprises, this software allows them to meet many Payment Card Industry (PCI) requirements with minimal effort. Similar benefits apply to the communications and manufacturing sectors.

- ◆ **Key products:** NSK-NTP, NSK-SNTP, NSK-SSH
- Website:** www.bsi2.com

Carr Scott Software Incorporated

“The introduction of the Integrity NonStop BladeSystem delivers lower cost, higher performance, and a dramatically more open infrastructure. As an independent software vendor that supports only the NonStop server market, we are extremely pleased with this development. We believe that our customers will be equally impressed with the quality and performance of the new system.”
—Harry Scott, cofounder, Carr Scott Software

CARR SCOTT PROVIDES DATABASE ENHANCEMENT PRODUCTS for HP NonStop platforms, both directly and through its strategic distribution partnership with HP. The company has approximately 500 product installations worldwide. Carr Scott's flagship product, Escort SQL, allows the redesign and replacement of Enscribe files with NonStop SQL tables, and lets Enscribe applications access the open SQL data seamlessly and transparently, without reprogramming.

Other products from Carr Scott include NonStop AutoSYNC, which facilitates synchronization of non-database files for NonStop servers; changes are automatically replicated to other systems



in multinode environments, enabling disaster recovery implementations and automated software distribution. NonStop AutoTMF allows non-TMF programs to audit database files and automatically provides TMF transactions on the program's behalf. NonStop SDR captures NonStop SQL DDL operations and, in cooperation with HP NonStop RDF, automatically replicates and implements the SQL DDL changes in replication environments to ensure continuous operations without operator intervention.

- ◆ **Key products:** Escort SQL, NonStop AutoSYNC, NonStop AutoTMF, NonStop SDR
- Website:** www.carrscott.com

comForte GmbH

“The HP NonStop BladeSystem will usher in the next generation of affordability, availability, and performance in NonStop computing. By streamlining the time and expense required to integrate HP applications with the broader IT infrastructure, comForte enables organizations to more fully leverage the benefits of the NonStop BladeSystem and existing investments.”
 –Thomas Burg, CTO, comForte

COMFORTE GMBH DEVELOPS AND MARKETS HIGH-performance host connectivity software that enables secure, manageable, and cost-effective HP NonStop server access across the enterprise. With offices in Germany and the United States, the company serves a wide range of NonStop system customers around the world and across all vertical industries.

comForte offers Web-enabling, legacy renewal, and integration solutions for the HP Integrity NonStop BladeSystem platform. These solutions help enterprises fully leverage HP NonStop applications and integrate them with the existing



infrastructure to improve information flow and increase productivity and profitability. In addition, comForte offers security solutions that protect an organization's most vital data, both in transit and in storage.

- ◆ **Key products:** CSL, SecurFTP, SecurLib, SecurSH, SecurTape, MR-Win6530
- Website:** www.comforte.com

GoldenGate Software

“With GoldenGate's TDM software tested and validated to run on the new HP Integrity NonStop BladeSystem platform, customers can share critical data across more diverse applications, minimize downtime and risk, and roll out new application capabilities at a faster rate—all within one HP BladeSystem environment.”
 –Chris McAllister, senior director, Product Management, GoldenGate

GOLDENGATE SOFTWARE INC. IS A LEADING PROVIDER OF high-availability, real-time data integration solutions for improving the availability, accessibility, and performance of critical data across enterprise IT environments. GoldenGate's Transactional Data

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Management (TDM) technology provides the ability to capture, route, transform, and deliver transactional data in real time across heterogeneous database, hardware, and operating system environments, including the HP Integrity NonStop platform. It helps companies ensure that their critical applications meet the stringent service-level agreements required for continuous business operations.

Typical customer applications supported by GoldenGate include billing, ATM banking systems, point of sale, CRM, supply chain, telecommunications provisioning, and customer support systems. The company has headquarters in San Francisco and offices in Europe, India, and Asia Pacific.

◆ **Key product:** Transactional Data Management (TDM) software, supporting GoldenGate's High Availability and Disaster Tolerance solution and Real-Time Data Integration solution

Website: www.goldengate.com



Businesses can maximize their ROI from the NonStop BladeSystem platform by using WebSphere MQ to implement a highly reliable, high-performance messaging infrastructure. Business agility is enhanced with the ability to work with applications on any other platform—using the same skills—to enable new information flows and business value without disrupting existing ones. The business risk of outages is minimized with WebSphere MQ for HP NonStop Server, providing fault tolerance coupled with disaster recovery configurations that help ensure continuity in the event of a local emergency affecting the primary data center.

◆ **Key product:** WebSphere MQ for HP NonStop Server

Website: www.ibm.com

IBM Software Group

"IBM WebSphere MQ is the industry-standard messaging infrastructure for mission-critical deployments. Its forthcoming availability on the HP Integrity NonStop BladeSystem allows business applications to be migrated to the environment quickly and easily. As the 'backbone' of the service-oriented architecture, WebSphere MQ facilitates integration as new applications are deployed or as existing ones need to change. We are currently testing the latest level of WebSphere MQ for HP NonStop Server on the new bladed NonStop system, and things look good for certification."

—Simon Webb, WMQ (NonStop) development manager, IBM Software Group

IBM SOFTWARE GROUP, A DIVISION OF IBM CORPORATION, supplies the IBM WebSphere MQ for HP NonStop Server solution. This universal messaging backbone provides assured delivery of messages between applications, as well as Web services. IBM implements key portions of the WebSphere MQ product to exploit the fault-tolerance and scalability features of the Integrity NonStop BladeSystem, and to integrate with the native transaction manager, NonStop TMF.

Integrated Research

"Integrated Research strives to develop and deliver the best and most precise performance monitoring solutions available for the NonStop system environment. Now with the HP Integrity NonStop BladeSystem, customers will continue to enjoy the real-time performance monitoring, data recording, and alerting for which PROGNOSIS is known around the world."

—Ben Berger, product manager, Platform and Application Management, Integrated Research

INTEGRATED RESEARCH PROVIDES A SUITE OF LOW-resource, real-time monitoring solutions that optimize performance, manageability, and availability in HP NonStop server environments. The company's PROGNOSIS suite includes solutions for server and application monitoring, in-depth troubleshooting, dynamic load balancing, capacity



planning, real-time alerting, automation, integrated data capture, and trend-based reporting. It also provides a complete range of in-depth NonStop server performance metrics, helping to quickly identify and resolve issues.

PROGNOSIS enables monitoring of everything from I/O rates to response times and availability, as well as component and resource utilization. Organizations can run detailed reports on historical data, capturing key performance metrics that can be replayed for troubleshooting and root-cause analysis.

By monitoring servers and applications in real time, organizations can identify issues and take corrective action before business is impacted. This speeds response times, increases the efficiency of troubleshooting processes, minimizes business impact, and frees personnel for other valuable work.

◆ **Key product:** PROGNOSIS

Website: www.ir.com

Opsol Integrators Inc.

“With GoldenGate’s TDM software **tested and validated** to run on the new HP Integrity NonStop BladeSystem platform, customers can **share critical data** across more diverse applications, **minimize downtime** and risk, and roll out **new application capabilities at a faster rate**—all within one HP BladeSystem environment.”

Chris McAllister, senior director, Product Management, GoldenGate

“By optimizing application performance on a standards-based platform, the NonStop BladeSystem will enable users to cost-effectively accelerate the growth of their business. Opsol applications—built on an SOA model for maximum flexibility at the lowest cost—fit well into the blades infrastructure. This evolutionary path forward helps protect customer investment and mitigate business risk. The bladed NonStop system will offer the highest performance levels for our applications, while still providing the availability customers require for their critical applications.”

—Yash Kapadia, CEO, Opsol Integrators

HEADQUARTERED IN CALIFORNIA, OPSOL INTEGRATORS Inc. serves customers in the U.S. and worldwide, including South America, Europe, and India. The company focuses on the financial services, communications, and government sectors with messaging and application integration solutions, services, and management and security tools. These solutions are now gaining interest from healthcare, retail, manufacturing, and other industries.

OmniATM provides a comprehensive solution for banks to acquire, authenticate, route, switch,

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Thomas Burg, CTO, comForte GmbH



and authorize financial transactions across multiple input channels such as ATMs, POS, and kiosks. OmniMessaging provides infrastructure backbone messaging for large-scale enterprises. OmniWire facilitates analysis of wholesale banking payments to target new customers and reduce bank overhead. OmniOffers delivers a single view of the customer through any channel or touchpoint, while OmniView provides a single view of the customer relationship to back-end enterprise systems. These Opsol applications will run on the HP Integrity NonStop BladeSystem.

◆ **Key products:** OmniATM, OmniMessaging, OmniWire, OmniOffers, OmniView, OmniSI, OmniSwitch, OmniDash, OmniHub, OmniDirector

Website: www.opsol.com

The XYGATE Security and Access Control Suite manages user actions based on job function and access need. Included in this suite of configuration, reporting, and management modules is XYGATE Automated Security Compliance Software, which permits the automated evaluation of security and system configurations against corporate, PCI, SOX, and other policies, reporting and tracking compliance over time. XYGATE Auditing and Reporting Software allows the integration of virtually all NonStop system audit data into a single, normalized database. XYGATE Encryption provides the only FIPS 140-2–validated software solution available for the NonStop system, as well as multi-platform strong encryption technology for data in transit and at rest.

◆ **Key product:** XYGATE software suite

Website: www.xypro.com

XYPRO

“XYPRO is excited about HP’s evolution to Integrity NonStop BladeSystem technology, with its remarkable performance increase and even greater leverage of industry-standard components. Running on this new platform, our XYGATE software will continue to facilitate security and compliance for our customers’ mission-critical operations.”

–Lisa Partridge, vice president, XYPRO

XYPRO TECHNOLOGY CORPORATION HAS SPECIALIZED in software for the HP NonStop server for more than a quarter of a century. The company serves enterprise customers in many industries around the world. Since 1990, XYPRO has focused primarily on the areas of security and encryption, enhancing the compliance and security of mission-critical operations with its flagship XYGATE product set.

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Lisa Partridge, vice president, XYPRO