



Compaq Tru64 UNIX

AlphaPowered™

How can you get enterprise

power
without complexity?



Compaq Tru64™ UNIX® provides businesses of any size with a powerful, easy-to-manage environment for a competitive edge in the nonstop global world of computing.

COMPAQ

Better answers

→
anything less than

Don't settle for
the best
for your business

Compaq Tru64 UNIX is the world's most powerful UNIX for your NonStop® eBusiness environment

The world is moving at an ever-accelerating pace, which is placing intense pressure on the basic IT infrastructure of your enterprise. Yet reducing the time to deploy solutions is the order of the day. The question is, how can you best apply cutting-edge technology to raise the bar against your competition without putting your critical business applications at risk? Compaq has the answer — *AlphaPowered™ Tru64 UNIX*, the world's most powerful UNIX for the enterprise. Now with *NonStop* eBusiness solutions, we bring the power of Web-enabled computing to more levels of your organization more affordably than any other computing company, while ensuring the highest levels of business continuance.

When it comes to choosing a platform for your enterprise applications in today's global competitive environment, you simply can't afford to take any chances. Let's face it, there's no such thing as "good enough" when billion-dollar transactions are on the line. Or when subscriber loyalty is the difference between keeping and losing a customer. Or when next year's bottom line depends on meeting this year's R&D objectives. Or when people's lives and livelihoods are on the line!

Corporations around the globe are using the power of *Tru64 UNIX* for demanding applications in enterprise applications, high-performance technical computing, business intelligence, and telecommunications market segments.

Simplify your life with Web-based management

Serving users and subscribers with fast, reliable, consistent access to applications and services is what *Tru64 UNIX* is all about. But just as important, *Tru64 UNIX* does it all while keeping system administration and storage management easy.





Tru64 UNIX provides comprehensive *out-of-the-box management* that enhances productivity and efficiency for all your administrative tasks — from installing software to monitoring events to configuring the system for optimum performance. For example, with dynamic tuning, you can tune the system while it is running. And a new intelligent, state-of-the-art Event Manager provides complete access to key system event information for faster, easier diagnosis of problems. For local and remote management, you have the tools to maximize system operations and minimize impact on users.

Identifying and responding to resource problems couldn't be easier. *Tru64 UNIX* management is Web-enabled, so you can perform the full range of system and storage administration tasks from anywhere, at any time — all through a wide choice of interfaces: a Web browser, Java, and *Compaq Insight Manager™* on your PC. This flexibility eliminates the need for training and lowers your operational costs.

When only the best will do

All UNIX vendors claim to offer high performance, high availability, and scalability. Yet time and time again, customers are finding that *Tru64 UNIX* running on powerful *AlphaServer™* systems meet and exceed their needs. But don't take our word for it. See how customers are reaping the benefits of *AlphaPowered Tru64 UNIX*:



Manage from anywhere at any time

with ease

To further simplify your administrative tasks, system management tools are also integrated with storage management. This gives you an easy, consistent way to manage terabytes of storage online, which could be spread across hundreds of disks in local arrays or distributed storage area networks.

Identifying and responding to resource problems couldn't be easier. In fact, *Tru64 UNIX* management is Web-enabled, so you can perform the full range of system and storage administration tasks from anywhere, at any time — all through an intuitive, browser-like interface.

Powering enterprise applications for optimum performance

"Compaq Tru64 UNIX has always been the first operating system supported by Oracle®'s 64-bit database releases. Exclusive new features in Tru64 UNIX V5.0 demonstrate that Compaq provides not only the performance advantages of 64-bit computing, but superior manageability, availability, and scalability to support Oracle8i® for mission-critical database applications on the Internet."

— Michael Rocha, Senior Vice President, Oracle Corporation

- *For high-performance needs*, nothing tests the limits of a system better than large-scale, complex scientific applications. Celera™, a Rockville, MD-based unit of The Perkin-Elmer Corporation, is one such example. Dedicated to human genomic research (the study of the structure and function of the human genetic system or genome), they chose Tru64 UNIX and AlphaServer systems for their power-hungry needs.
- *For high availability*, Kaeser Kompressoren GmbH, a leading global supplier of compressed air systems in Germany, relies on Tru64 UNIX and TruCluster Server™ software. Its 25-country operation uses SAP® and Oracle software on Tru64 UNIX. Fast access to reliable data has resulted in reduced inventory and savings of more than \$10 million per year.
- *When it comes to scalability*, MindSpring® Enterprises, a national Internet service provider, has seen its business grow exponentially in the past four years. Rated the Best Internet Service Provider by PC Week, MindSpring Enterprises' goal is to continue to provide the best possible Web hosting service for a very competitive price by relying on Tru64 UNIX to achieve their goal.

Compaq and its enterprise partnership

Compaq partners with leading providers of software, services, and operating systems enable your success in the eBusiness environments of today and tomorrow.

Together, we bring you comprehensive, seamlessly integrated, and fully optimized computing solutions. With our proven solutions, your deployments will be fast and simplified, and ongoing management of your systems will be easier than ever before.

Working closely with partners such as Oracle, SAP, Baan™, PeopleSoft®, and many others, we deliver products, services, and solutions for the computing challenges you face every day.



Take your enterprise to new levels of competitiveness

Compaq Tru64 UNIX has competitive advantages built in

When it comes to handling your most demanding business and technical challenges, no one is better qualified than Compaq. After all, we've been a leading player in enterprise solutions for a long time — drawing on more than 30 years of experience. It was from within our research and development laboratories that breakthrough solutions in 64-bit computing, clustering, networking, UNIX/NT™ integration, and the Internet have emerged. And it is this same innovative environment that is delivering *new levels of performance, availability, scalability, and management* that work for your advantage today. You'll find it all in *Tru64 UNIX* — built from the ground up for the enterprise.

With its outstanding performance, its ability to scale to phenomenal amounts of system resources and storage, and its built-in availability features, *Tru64 UNIX* is the number one choice for mission-critical enterprise applications.

What's more, you can take your business to higher levels of competitiveness without taking undue risk. That's because

Tru64 UNIX is fully standards-based; supports thousands of the industry's top enterprise applications; and includes extensive management, development, and integration tools right out of the box.

Tru64 UNIX will grow with you

As your business grows, *Tru64 UNIX* is right there ready to handle the challenge. For example, with support for greater numbers of CPUs, *Tru64 UNIX* enables you to *build larger and larger AlphaServer systems* to handle the most expansive enterprise applications. You can increase file systems to multiple terabytes, giving you the large storage capacity needed for growing data warehouses. Very Large Memory means *Tru64 UNIX* easily handles the huge, data-intensive requirements of Web commerce and high-performance technical computing. And with support for millions of concurrent users, *Tru64 UNIX* is ideal for fast-growing Internet service providers and Internet-centric enterprises.

High availability is more affordable than ever

Advanced features in *Tru64 UNIX* ensure 24x365 operations, greatly reducing service interrupts, planned outages, and other problems. For example, hardware partitioning lets you divide a single system into multiple partitions, each with a separate operating system image. If one fails, the others are unaffected.

→ Data mining for growth

Commerzbank, one of Germany's "Big Three" private-sector banks, wanted to create one common data repository for its entire organization comprised of 1,000 branches and 32,000 people worldwide. The goal — present one common view of their data and then mine it to fulfill internal corporate needs. The solution: a *Tru64 UNIX*-based *AlphaServer* system running Oracle8 with Very Large Memory and supported by *Compaq StorageWorks*™.

"For data warehousing, the Compaq and Oracle 64-bit solution offers the increased performance we need as our complexity increases, and huge performance gains when used with Oracle's Very Large Memory option. *Tru64 UNIX* with *StorageWorks* technology provides a very mature and stable operating system for an enterprise data warehouse."

— *Werner Boensch, Senior Vice President of Commerzbank*

→ “Suite” on high availability

With nearly 3,900 hotel properties worldwide, Best Western® is the world's leading hotel brand. Lodging more than 40 million guests per year, the company understands that an efficient, responsive reservation process can mean the difference between empty rooms and a bustling, profitable hotel. Recently, Best Western extended the reservation system to reach millions of users in the consumer market through the World Wide Web. The company's Web interface lets

people find the Best Western hotel closest to their travel destinations, check room pricing and availability, and make reservations.

Today, with *AlphaServer Systems* and *Tru64 UNIX*, the system delivers instant access to room availability, keeping vacancies to an absolute minimum, and boosting revenue by \$50 million annually.

Alternate pathing for storage and network devices eliminates service interrupts. If a critical path fails, I/O is dynamically rerouted through an alternate path in a single system or between nodes in a cluster. And for quick updates, online (hot) tuning lets you change kernel parameters without rebooting the system.

TruCluster Server software complements *Tru64 UNIX* with *uncompromising enterprise-class capabilities* for the most critical commercial, industrial, institutional, and government environments in the world. Now with *TruCluster Server* software, whether you have a cluster of two systems or eight, they are presented and managed as a single system. This makes your life simpler and significantly reduces operational costs. With easier management, high availability, reliability, and scalability, your total cost of ownership is reduced, making clusters affordable for everyone.

For most mission-critical applications, only the highest levels of availability will do. The fact is, when service level agreements, critical strategic decisions, and shrinking time-to-market challenge your business success, there's no time for downtime. And when you bolster *AlphaPowered Tru64 UNIX* with high-availability *TruCluster Server* software, downtime is virtually eliminated.

NonStop eBusiness solutions the easy way

The Internet creates an environment in which a customer can interact with vendors and suppliers around the clock. Hence, enterprises need their business operations to be continuously available. The requirement for *NonStop* eBusiness solutions has moved from high-end datacenters to virtually every sector of the IT environment.

Compaq Tru64 UNIX solutions are highly available, scalable, and secure so that you can take advantage of today's network style of computing. With *Tru64 UNIX*, Internet capabilities are integrated and optimized into the core of the operating system. It comes loaded with security features to keep out unauthorized users, securely authenticate authorized users, and control security based





on your individual requirements. It has the software compiler (JIT) to get your Java applications built and running fast. *Tru64 UNIX* also bundles pre-tested and fully integrated OpenSource™ Internet software free with every system along with its Web-based administration tools.

Move confidently toward the future with power and simplicity

Handle the complex demands of integrating UNIX and NT

Compaq *Tru64 UNIX*-based *AlphaServer* solutions can take on the most demanding applications out there. But at Compaq, we understand that UNIX is probably not the only operating system you need in your business. That's why we've made *Tru64 UNIX* versatile enough to operate easily with Windows NT — so you can get the best of both worlds and address the full range of application requirements from one end of your enterprise to the other.

For example, *Tru64 UNIX* incorporates Advanced Server technology that fully supports Windows NT domains, security, resource sharing, and data access — so the major interoperability issues are solved for you. This also enables you to perform management tasks across both *Tru64 UNIX* and Windows NT platforms from a single centralized interface. And a complete set of cross-platform development tools are available, making it easy to develop, edit, debug, build, and tune *Tru64 UNIX* applications within a Windows NT environment, and vice versa.

Manage technology growth and change

Compaq delivers NonStop eBusiness services

As your enterprise grows and changes over time, so do your information technology requirements. And the best way to preserve your existing investments while implementing change is by enlisting industry experts with the knowledge, experience, and tools to do the job right the first time. There's no better team of services

MindSpring leaps ahead in fast-paced Internet market

The Internet has exploded into mainstream American culture. As the number of people on the Net continues to expand, a huge demand is placed on Internet service providers (ISPs) to deliver fast, reliable Internet access and Web hosting services for both business and residential customers.

MindSpring Enterprises, Inc., a national Internet service provider based in Atlanta, is a prime example. In just four years with *AlphaPowered Tru64 UNIX*, MindSpring's customer base has grown exponentially to almost 700,000 access customers and 21,000 Web hosting customers, making it one of the largest companies of its kind in the world. How do you keep pace with such a phenomenal growth rate?

"With *Tru64 UNIX*, there are no surprises. It's very reliable."

— Fred Nixon, Vice President of the Office of Technology, MindSpring Enterprises, Inc.

The power and speed for high performance

“High-performance computing is fundamental to Celera’s strategy. We are building the most powerful bioinformatics computing facility in the world to offer customers the most complete genomics data at the earliest date with the fastest access. *Compaq AlphaServer ES40s* running *Tru64 UNIX* will be the building blocks in delivering this capability.”

— *Marshall Peterson, Director of Technology and Infrastructure, Celera Genomics Computing*



professionals to support your long-term needs than *Compaq Services* — our world-class IT service and support organization.

Compaq Services — with over 27,000 IT experts in 114 countries around the world — offers a full suite of processes, methodologies, and tools to create, support, and evolve *Tru64 UNIX*-based solutions, integrated UNIX/NT solutions, and an expansive range of multivendor, multiplatform solutions to meet all your enterprise application requirements.

Throughout the full life cycle of your technology, *Compaq Services* is your single point of contact for guidance and support. From defining your processing and capacity requirements, to designing a cost-effective enterprise solution, to implementing and managing your IT systems, we’ll help you every step of the way.

To realize the benefits of *Tru64 UNIX* more quickly, maximize the cost-effectiveness of your IT infrastructure, and build a solid foundation for long-term growth — *Compaq Services* is the solution.

Get all the details

To find out more about how to increase your competitive advantage without taking risks, get all the details on *Compaq Tru64 UNIX*. Contact your Compaq sales representative or partner today. Also be sure to check out the Web site at: www.compaq.com/tru64unix

Compaq believes the information in this publication is accurate as of its publication date; such information is subject to change without notice. Compaq is not responsible for any inadvertent errors. Compaq conducts its business in a manner that conserves the environment and protects the safety and health of its employees, customers, and the community.

Compaq, the Compaq logo, *Alpha*, *AlphaPowered*, *AlphaServer*, *Insight Manager*, *NonStop eBusiness*, *StorageWorks*, *Tru64*, and *TruCluster Server* are registered in the U.S. Patent and Trademark Office.

Baan is a trademark of Baan Company. Best Western is a registered trademark of Best Western International, Inc. Celera is a trademark of Celera Genomics. Mindspring is a registered trademark of Mindspring Enterprises, Inc. OpenSource is a trademark of OpenSource, Inc. Oracle and Oracle8i are registered trademarks of Oracle Corporation. PeopleSoft is a registered trademark of PeopleSoft, Inc. SAP is a registered trademark and R/3 is a trademark of SAP AG. UNIX is a registered trademark in the U.S. and other countries, licensed exclusively through X/Open Company, Ltd. Windows NT is a trademark of Microsoft Corporation.

AlphaPowered Tru64 UNIX puts ease into enterprise power

Tru64 UNIX solutions offer you the **performance, scalability, reliability, and high availability** that you expect and value, without the hassles of managing a complex system.

- Provides *NonStop* eBusiness solutions
 - Data integrity and scalability for uninterrupted growth
 - Advanced management capabilities
 - World-class service and support organization
- Makes system management simple
 - Performance without extra effort
 - Web system management
 - Unique Event Manager
- Powerful combination of *Tru64 UNIX* and *TruCluster Server* software
 - Even more availability, reliability, scalability, and flexibility
 - Manage cluster as a single system
 - Reduced cost of ownership