



*Resource Consolidation
Solutions for UNIX and
Windows NT Systems*



Benefits:

- Unites UNIX and Windows NT® environments
- Exploits the power of *Compaq Tru64™ UNIX AlphaServer™* systems
- Reduces cost of ownership and administration efforts
- Brings higher availability for your users

Making your file and print resources
a more valuable, globally accessible asset

COMPAQ

Better answers



Why consolidate?

Today, increasingly heavy costs of downtime, system administration, service, and data center space are driving up the ownership costs of distributed Windows NT server farms and UNIX departmental and enterprise systems. As a result, leading-edge companies are consolidating resources such as file and print servers. To meet this need, Compaq offers a powerful server consolidation solution: *Compaq Tru64 UNIX AlphaServer* systems with advanced software and services.

What are the bottom line benefits? Reduced system administration efforts, higher availability, and lower cost of ownership for your environment.

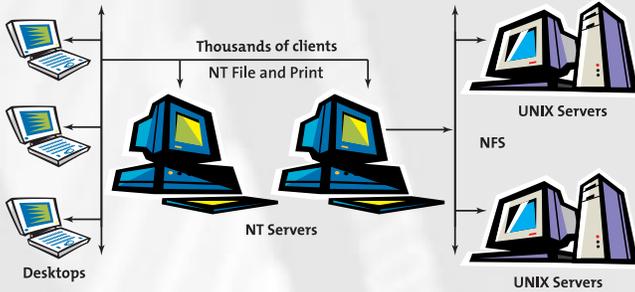
The third generation 64-bit *AlphaServer* series — delivering up to twice the application performance

While most 64-bit solutions are working out the bugs of a first-generation product, Compaq's full line of powerful, scalable, reliable, and flexible *AlphaServer* systems has been working successfully in businesses just like yours for more than six years. There's no substitute for that kind of experience. With the addition of the new *Alpha* 21264 processor to our *AlphaServer* DS (Departmental), ES (Enterprise) and GS (Global) systems, you can get up to twice the application performance than was previously available.

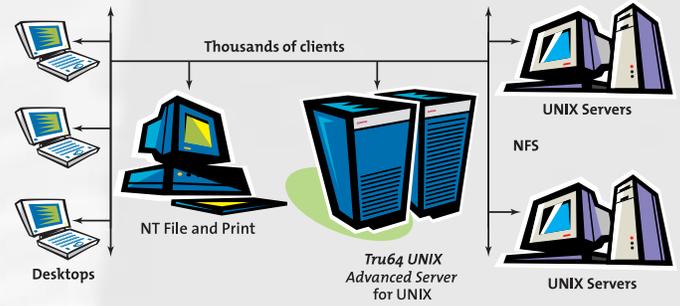
***Tru64 UNIX* — the world's best UNIX for enterprise applications**

Compaq Tru64 UNIX V5.0 brings our UNIX to the highest degree of performance, scalability, and availability — yet makes it easier than ever to manage and operate. In fact, management of *Tru64 UNIX* systems, whether single systems or clustered with our breakthrough *TruCluster* Server V5.0, is so simple that it will significantly reduce the time and effort required to manage your systems and train your system administrators. If you're looking to expand your information technology in the simplest way — while increasing performance and maintaining the highest level of availability — Compaq offers the best UNIX solution. Given its performance across a spectrum of businesses, it's no wonder that *Tru64 UNIX* is the first choice in the world for demanding enterprise and Internet/Intranet applications, and the highest rated UNIX by industry analysts and users. A recent Datapro user study found *AlphaServer* systems running *Tru64 UNIX* the "outright winner" on overall satisfaction.

lower costs



An environment with many UNIX systems and thousands of Windows clients provides a challenge to administer and keep available for users.



In this environment, a Tru64 UNIX AlphaServer system with Advanced Server software provides an ideal vehicle for supporting shared file and print resources. This computing model supports both the UNIX and Windows environments — significantly boosting availability while reducing administration.

Seamless integration with Windows NT

More and more, enterprise solutions need to take advantage of the cost benefits of Windows NT — while gaining the performance and reliability of UNIX. When it comes to melding Windows NT with your current environment, you can count on Compaq to deliver the solutions that will preserve your investments and help you take advantage of emerging technologies.

Compaq Advanced Server for UNIX — more than file and print

Advanced Server is the smart solution for mixed UNIX and Windows NT server consolidation. It lets you handle many thousands of clients with a GS series *AlphaServer* system and consolidate dozens of UNIX and Microsoft NT file and print servers into one NT-impersonating UNIX server. *Advanced Server* appears as an NT server to your NT users and administrators. There's no need to touch the clients' desktops, and once it is set up, there is little to no UNIX administration necessary for continued operation.

One of the key functions of *Advanced Server* is to provide access to your UNIX file and print resources from your Microsoft environment. Users can browse the Network Neighborhood and see UNIX systems listed alongside NT systems. And they can double click on file shares and open file stores on their UNIX systems. It can provide highly available file and print resources and a highly available domain controller (backup or primary) to your NT environment. However, *Advanced Server* also facilitates the integration of your UNIX and Microsoft environments, and can open up a mixed UNIX environment (HP, IBM, and Sun) to your PC desktops by functioning as a gateway to your other UNIX systems.

Advanced Server can be managed exclusively using native NT management tools. Once it is installed, your NT administrators can manage *Advanced Server* users just as they would other NT users.

Advanced Server for UNIX benefits at a glance:

- Provides Windows NT V4.0 networking in a Tru64 UNIX environment — including the ability to provide scalable file, print, primary domain controller, backup domain controller, or member server support
- Scales to thousands of simultaneous connections with a single server to handle increasing demand
- Requires no additional software for PC clients for user simplicity
- Automatically exports UNIX NFS shares to PC users for better resource utilization
- Operates in a TruCluster environment — providing simplified management, high availability, and scalability
- Lets you manage UNIX file and print and user capabilities using out-of-the-box NT administrative tools for simplicity of operations
- Lets you maintain a single password for users across both UNIX and Windows NT environments for simplicity of operations
- Reduces risk and ensures quick project implementation through superior planning and implementation services for *Advanced Server* in a UNIX and Windows NT environment

Clustering — for better manageability, high availability, and scalability

The *Compaq TruCluster Server V5.0* provides even easier systems administration and better system utilization. With *TruCluster Server*, the cluster is the system, since clustered systems fully share common system files. With this clustered file system, the cluster is now managed as a single entity rather than as multiple systems. For example, in an eight-node cluster you can load software once instead of eight times. Whether you have a cluster of two or eight nodes, *TruCluster Server* presents them as a single system. The reduced workload saves time and improves productivity — lowering the total cost of ownership.

TruCluster Server provides high availability and scalability for applications such as the *Advanced Server*. *TruCluster Server* can be configured with no single point of failure. And as demand increases on the *Advanced Server*, you can easily add systems, run *Advanced Server* on these systems, and rebalance the client connections for optimal performance. With automated load balancing, *TruCluster Server* makes it easy and seamless.

When it comes to installing clustering solutions, Compaq has more experience than anyone else does — almost 20 years' worth. That's our edge. While others are struggling with how to do it, Compaq has been doing it for businesses just like yours — delivering outstanding results in more than 90,000 *AlphaServer* clustering installations worldwide.

Trade in your older servers

Compaq Capital — Compaq's leasing and financing solutions organization — offers a complete, turnkey solution for moving to new, more powerful *Compaq AlphaServer* systems. This solution includes disposal of older systems, flexible leasing solutions for new Compaq equipment, and financing the old equipment's remaining book value. Compaq Capital provides leasing and financing solutions for businesses of all sizes.

Ensure a successful consolidation with worldwide, world-class services

Compaq offers complete lifecycle services for UNIX/NT integration, including:

- **Assessment** — Provides a thorough analysis of your UNIX and Windows NT resources and integration requirements
- **Pilot** — Tests solution components in a controlled environment to protect your business operations
- **Planning and Design** — Provides infrastructure readiness services for analyzing the impact of Windows NT resource integration, including security, capacity planning, network, domain, cluster, and infrastructure plans
- **Integration and Migration** — Provides full-scale implementation of your infrastructure, including NT/UNIX integration and NT infrastructure implementation throughout an enterprise

Compaq offers a number of services that are ideal for a consolidated environment, including a System Healthcheck to provide an inventory of the systems and software in your environment. Our Business Critical Services — which use a holistic approach including technology, IT management practices, and services — can meet the need for 99.99% system availability. Finally, our Value-added Implementation Services include complex project implementation and custom configuration documentation.

Compaq has more than 29,000 IT professionals in over 100 countries who provide a central source of advice, assistance, and accountability for even the most complex multivendor environment. Our team includes 15,000 Microsoft-trained specialists, 2,200 Windows NT-certified engineers, 3,000 UNIX specialists, and more than 850 Novell engineers.

Learn more

To learn more about Resource Consolidation through *Tru64 UNIX AlphaServer* systems with *Advanced Server*, please contact your local Compaq Sales Office, Authorized Reseller, or call 1-800-344-4825. You can also find more information at: www.compaq.com/solutions/serverconsolidation

world-class

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