



Application Consolidation Solutions for UNIX Systems



Benefits:

- Reduces cost of ownership and administration efforts
- Brings higher service levels for your users
- Boosts business flexibility in terms of increases in demand or changes in the environment
- Lets you consolidate single and multiple application environments
- Exploits the power of *Compaq Tru64™ UNIX® AlphaServer™* systems



Reducing your total cost of ownership and boosting your operational efficiency, availability, and business flexibility

COMPAQ

Why consolidate?

Many leading businesses today are deploying a plethora of information technologies seeking to improve competitiveness, streamline operational costs, and create new market opportunities. Concurrently, there is a growing trend toward replacing yesterday's distributed computing model with a more consolidated approach in order to seek greater control. To facilitate these goals, Compaq offers a powerful Server Consolidation solution: *Compaq Tru64 UNIX AlphaServer* systems and services.

One of the most effective drivers for consolidation is Application Consolidation — which allows you to reduce operation costs, better manage increasing amounts of corporate data, and support rapid growth of your user community.

Scope of Application Consolidation

Application Consolidation can occur within a variety of application environments such as Enterprise Applications, Business Intelligence, Internet/intranet servers, mail and messaging, and custom applications.

Here's one scenario. You might have an enterprise application such as SAP, BaaN, PeopleSoft, or Lawson — running in a number of distributed sites across the country or around the world. Imagine the benefits of consolidating, for example, 15 sites running UNIX and older versions of servers and operating systems onto two *Compaq AlphaServer* 64-bit systems running *Compaq TruCluster* Server and your application software.

Here's another scenario. You might have a number of different applications that you want to consolidate on the same set of servers, such as an Enterprise Application and your file and print resources. Or you could consolidate a data warehouse and an Enterprise Application on the same set of servers. With a Compaq solution, you can also take advantage of system partitioning with the *Compaq AlphaServer GS* series family and *Tru64 UNIX* to run production applications in one partition, while doing development, testing, or quality assurance in another partition.

UNIX Application Consolidation

Examples of single and multiple Application Consolidations that Compaq and its qualified partners offer you include:

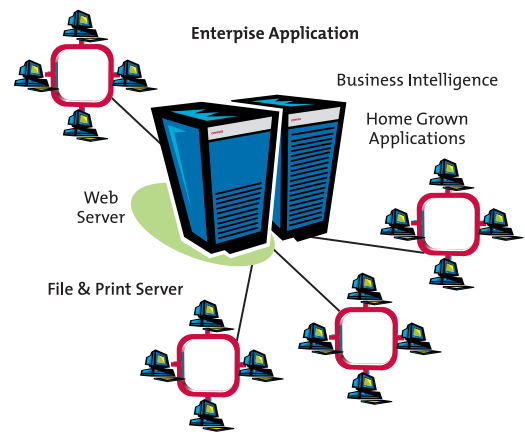
Single Application Environment

- Oracle
- SAP
- PeopleSoft
- BaaN
- SAS
- BEA
- Lawson
- Netscape
- Custom Applications

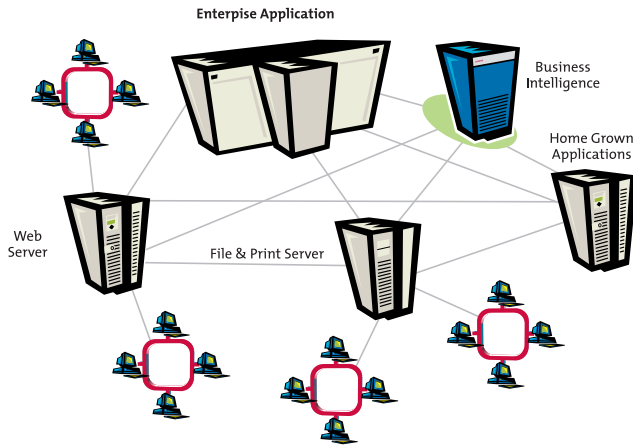
Multiple Application Environment

- SAP/Business Warehouse
- EA*/Business Intelligence
- EA*/Compaq Advanced Server for UNIX
- Business Intelligence/Compaq Advanced Server for UNIX
- Database Servers/Application Servers
- Production/Development/Testing
- EA*/SIEBEL

*EA: Enterprise Applications such as SAP, BaaN, PeopleSoft, Lawson, etc.



By consolidating applications, you can increase system utilization, reduce resources needed to manage and maintain the systems, and lower software costs and system footprint. This type of environment may also be suited for the use of partitioning technology that is available on Compaq AlphaServer systems.



The complexity of this computing model results in high total cost of ownership and difficulty in management.

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* as the "outright winner" on overall satisfaction.

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 what 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* software, is so simple that it will significantly reduce the amount of time and effort needed to manage your systems or train your system administrators. If you're

Clustering — for high availability and disaster tolerance

The *Compaq TruCluster Server V5.0* provides even easier systems administration and better system utilization. With the *TruCluster Server* software, 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 multiple systems. As an 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 and therefore lowers the total cost of ownership.

TruCluster Server provides high availability and scalability for applications such as Enterprise Applications or Business Intelligence workloads. It can be configured with no single point of failure. In addition, as demand increases on your workloads, you can easily add systems, run your Enterprise Applications or Business Intelligence applications 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 world-class, worldwide services

The following group of service offerings from Compaq gives you a mechanism for analyzing your current IT environment and changing the environment to meet your particular Application Consolidation objectives.

- *Seminar — includes describing the value of Server Consolidation, exploring “dos and don'ts,” and explaining Compaq Server Consolidation Services and process flow.*
- *Assessment — includes a Server Consolidation Workshop to understand your business drivers/interests and IT environment. Potential Server Consolidation scenarios are identified and alternatives are considered.*
- *Design and Architecture — includes the creation of a Requirements document, a Pilot if needed, and Transition plans.*
- *Implementation — includes test and validation plans and implementation. This phase can include any of these services: Migration, Upgrade, Physical Consolidation, Backup and Recovery, and more.*

Compaq Services provides 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. Business-Critical Services, a set of global consulting capabilities, use a holistic approach including technology, IT management practices, and services. These services include the Availability Review and Availability Partnership, which 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 that 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 Application Consolidation through *Tru64 UNIX AlphaServer* systems with tailored services, 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

The Compaq logo is displayed in a bold, italicized, red sans-serif font.

www.compaq.com

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