

## CustomSystems in healthcare information technology

### Reducing risk while increasing the pace of deployment

From the computerized patient record to integrated health networks, the use of computing technology in healthcare continues to grow — along with the complexity of the systems themselves. To succeed in this high-pressure environment, IS professionals should leverage the added value of Compaq *CustomSystems*.



Compaq *CustomSystems* works with major healthcare partners to provide completely integrated, pre-packaged, and tested solutions.

From the selection, optimization, and integration of basic hardware and software building blocks to the delivery and installation of complex systems, *CustomSystems* enables you to focus on your healthcare information system goals.

#### Highlights

- Space-saving, factory-integrated rackmount solutions optimize the use of valuable computer-room real estate
- Heterogeneous integration expertise delivers increased operating efficiencies with ProLiant®, Alpha, and Tandem systems in the same cabinet
- Custom engineering tailors solutions to your exact requirements, eliminating the need to tailor your environment to the requirements of off-the-shelf “solutions”
- In-factory integration services cut the time it takes to deploy and implement solutions
- Single-part-number ordering reduces risk and speeds deployment over multiple sites

# Key Partnerships

*Our ability to provide total solutions depends on relationships with recognized application software providers, healthcare-focused consulting firms, systems integrators, and technology suppliers. With them, we deliver solutions across the continuum of healthcare applications.*

*Medical records*

*Pharmacy*

*Laboratory*

*In-patient point of care*

*Remote consultation*

*Telemedicine*

*QC*

*Data interchange*

*Health networks*

*Imaging*

*Home care*

*Fixed assets*

*Nurse's station*

*Rehabilitation*

*Payroll*

*Personnel*

*Order entry*

*Claims management*

*Material management*

*Data warehousing*

*Data mining*

*Visualization*

*Virtual reality*

# + Compaq Technologies

+

Compaq Computer Corporation acquired DIGITAL on June 11, 1998. With this acquisition, Compaq becomes the second-largest computer company in the world and the largest manufacturer of computer products.

## PCs, workstations, and servers

Compaq is the number one supplier of computer technology to healthcare facilities. And with its line of Intel®-based ProLiant servers, 64-bit Alpha processors, and Tandem fault-tolerant systems, Compaq is *the* one-stop source for processing power.

## Operating Systems

With a wide selection of operating systems including DIGITAL UNIX®, OpenVMS, Microsoft® Windows NT®, Novell® NetWare®, and SCO™ UNIX Compaq offers unprecedented choice in systems deployment.

## Software

Compaq has a broad portfolio of software products that meets many of the needs of the healthcare information environment: Internet and intranet; systems, storage, and network management; messaging and collaboration; middleware; and application development.

## Storage

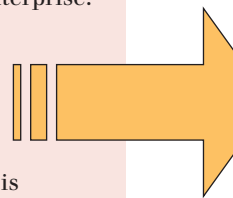
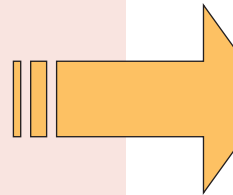
With the acquisition of DIGITAL, Compaq becomes the world's largest vendor of multi-user storage systems. This makes it possible to offer the broadest line of storage products, solutions, and services available today, enabling you to choose one provider for your storage needs throughout the healthcare enterprise.

## Service and support

Compaq fields one of the most powerful IT service and support organizations in the world — including 27,000 IT experts in 114 countries and a network of over 30,000 highly skilled resellers. Wherever you are in the life cycle of your technology, Compaq can provide complete services and a single point of accountability for planning, designing, implementing, managing and supporting your healthcare computing environment.

## Networking

The Compaq networking strategy is based on a cohesive, applications-optimized approach building on the tradition of excellence created by DIGITAL network and communications products.



# Custom**Systems** Added Value =

# Total **Solutions**

We specialize in tailoring off-the-shelf products to meet the complex needs of the healthcare computing environment. From custom quotes to repeatable platforms, the special skills, talents, and capabilities of **CustomSystems** can help solve your healthcare information system problems while reducing risk and speeding deployment.

Heterogeneous solutions installed in the same cabinet

Operating systems factory loaded and ready to run

Single-part-number ordering, revision control, change management for complex platforms

Space-sensitive

High-speed interconnects and high-capacity storage

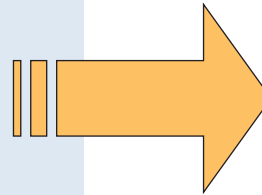
Clustering, high availability, and disaster-tolerance

Storage devices and RAID controllers factory installed, set-up, and ready to run

Applications and databases factory installed

Systems designed and tested for worldwide regulatory compliance

Factory consolidation and test of the total solution



*Pictured above is a rackmount configuration with a 64-bit Alpha processor and an Intel-based ProLiant system. It illustrates the versatility of solutions designed by **CustomSystems**. The cabinet shown could just as easily contain a high-availability Windows NT, DIGITAL UNIX, or OpenVMS cluster. It could be the foundation for a one-terabyte Oracle<sup>8</sup>™ data warehouse or a high-performance hospital information system.*

*And it can be shipped in the cab so when it gets to your site just roll it in... plug it in... start working.*



### The tradition continues

In healthcare computing, **CustomSystems** has a solid reputation for business support and engineering capabilities tailored to our customers' specific requirements.

Now, with our expanded portfolio, we can integrate configurations using Intel, Alpha, and Tandem platforms — a range of offerings simply unprecedented in the industry today. And, at the same time, we continue to deliver our classic **CustomSystems** benefits:

- Reduce business and technology risks with skilled quote and engineering support.

- Cut implementation time from weeks to hours with factory-integrated solutions built to your specifications.

- Use your IS resources more efficiently and focus on your core expertise while we handle deployment logistics.

### For more information

To learn how you can leverage the resources and technologies of Compaq **CustomSystems** contact your Compaq account representative or send e-mail to

**customsystems@digital.com**

Visit us on the web at

**www.compaq.com/customsystems**

## Value Added-Implementation Services

Are you responsible for the planning, design, implementation, migration, or management of enterprise-scale, healthcare computing environments? If so, then you should explore working with Compaq **CustomSystems** and our Value-added Implementation Services (VIS) group. VIS offers services that can be of real value in all phases of your system life cycle.

### What makes a good solution?

- ✓ Designed to meet your healthcare information system goals
- ✓ Configured to optimize your IT investment
- ✓ Factory integrated to speed implementation
- ✓ Completely tested to minimize your risk
- ✓ Rackmounted to save precious space

### How can we contribute?

- Technical Project Management
- Custom Configuration Documentation
- Factory Staging and Integration
- Software revision and materials management
- Business-critical Installation
- Enterprise Test Laboratories

### What is the result?

Reduced risk and a high degree of confidence that the combination of applications and enterprise computing platforms you plan to deploy will support your healthcare operations.

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