

The background of the advertisement features a large, glowing blue DNA double helix structure in the upper half, set against a bright blue sky with wispy white clouds. In the lower half, a panoramic view of a city skyline is visible, with the Empire State Building as the central focus. The Siemens logo is positioned in the top left corner within a white rectangular box.

SIEMENS

www.usa.siemens.com/healthcare

The Siemens Healthcare Private Cloud

Medical Grade Infrastructure—Not Your Typical Cloud

Answers for life.

Is your organization finding it difficult and costly to deliver and maintain the highly secure, highly reliable technology that your mission-critical applications require? Without IT, access to key information is inhibited, which could put your business at a competitive disadvantage. Whether it be a dedicated technology model, a hybrid, or our cloud solutions, Siemens can assist in moving your organization's technology to the next level.

The Siemens Healthcare Private Cloud

Siemens, one of the most trusted names in healthcare technology around the world, has been securely providing private cloud computing services to the healthcare industry for more than 40 years. The Siemens Healthcare Private Cloud is one of the most modern, most effective, and easiest to implement delivery models we offer. Our private healthcare network, medical grade infrastructure, and highly qualified personnel provide our nearly 1,000 healthcare customers with the highest possible levels of security, availability, and performance.

Medical Grade Infrastructure—Not Your Typical Cloud

The cloud computing model's key attributes allow for metered, scalable, and elastic IT capabilities, delivered as a service using Internet technologies. While a number of cloud computing implementations are globally recognized, their services are not tuned to handle sensitive and intimate health transactions and information. The demands of healthcare are unique, in that the safety and security of protected health information (PHI) is of the utmost importance.

As a global provider to the healthcare industry, Siemens is practiced in complying with local country healthcare privacy regulations, including the U.S. HIPAA regulations concerning PHI. The Siemens Healthcare Private Cloud delivers the best of the cloud computing model attributes along with a proven, highly secure, medical grade approach. The Siemens infrastructure for cloud computing services is truly medical grade, providing the comprehensive healthcare IT foundation needed to maximize functionality, add value to existing IT investments, and provide the cornerstone for future IT enhancements.

The Siemens Healthcare Private Cloud further enhances our services while increasing overall agility, speed to value, and quality. Our cloud has the elasticity to rapidly provide additional hardware resources. This includes storage, CPU, memory, and network bandwidth. Automated optimizations are driven by service level agreements, and increased remote access and authentication options will significantly improve mobility. With the Siemens Healthcare Private Cloud, you'll have a trusted partner with the proven security policies, technology, and resources to handle your highly sensitive protected health information.

Attribute	Cloud Computing	Siemens Healthcare Private Cloud
Service Based	X	X
Scalable and Elastic	X	X
Security for PHI		X
Predictable Costs		X
Single Vendor Accountability for Applications and Infrastructure		X
Government-Prioritized Network		X
Medical Grade Infrastructure		X

Cloud Computing Services from Siemens

Siemens provides the private cloud computing services required to manage your processing environments, relieving you of the frustration that comes with it. We deliver services from the Siemens Healthcare Computing Center, which include:

- Operations – Includes staffing, system operational and performance management, installation and support of hardware, dispatch and coordination of hardware maintenance, and disaster recovery.
- System Management – Includes the provision and installation of server hardware, operating systems, and database management systems; operating system support and maintenance; database management and support; server backup and reboot scheduling; capacity planning; and coordination and communication of change management.
- Application Management – Includes the provision and installation of application software, installation of application stream enhancements and upgrades, application administration, and application monitoring and alerting.
- Wide Area Network (WAN) Management – Includes performance monitoring and system administration; capacity planning; identification of WAN trouble spots; problem resolution; network monitoring and alert notification; and fault identification, isolation, and resolution.
- Infrastructure/Environmentals – Includes power redundancy, cooling redundancy, fire protection, physical security, and network redundancy.
- Application and System Support – Includes second- and third-level application support; and first-, second-, and third-level support for systems.

Providing Superior Availability and Security

When it comes to your applications, nothing is as important as high availability and data security. The Siemens Healthcare Computing Center delivers both. The Healthcare Computing Center combines a continuous operations infrastructure, more than 40 years of operational discipline, and advanced security technology and processes. Achieving better than 99.9 percent availability and processing more than 225 million transactions per day, the Healthcare Computing Center is fully capable of meeting and exceeding your processing needs.

In addition to improved availability and security, Siemens can help you realize other key benefits including:

- Improved focus of your IT organization on strategic projects rather than ongoing operational issues.
- Lower overall costs/more predictable costs.
- The power to contain costs in an environment where revenue growth is uncertain.
- Minimized technology and capital expenditures.
- Protection from technology obsolescence.
- Reduced need for hard-to-find technical skill sets and resources.
- Quicker application deployments and upgrades providing improved time to value.
- Application and system currency.
- Access to technology expertise.
- The ability to run RIS and Medical Image Management on the cloud.

What Our Customers Have to Say

“When you think of medical grade hosting/cloud computing solutions, no one has been doing it longer than Siemens. They have a level of experience in the field that is just unmatched. And that means a cost-effective, reliable solution for the customer.”

John DiAngelo
Chief Financial Officer
South Jersey Healthcare

“Siemens is probably considered the Cadillac of cloud-based support systems for healthcare.”

Rick Mohnk
Chief Information Officer
HealthAlliance Hospitals, Inc.

“Our business does not shut down at five o’clock. There is always somebody providing patient care, so our data needs to be available 24x7x365. With their extensive experience in the healthcare field, Siemens understands that, and they provide disaster recovery, backup, and redundancy services through the cloud that help us maintain the high availability on which our doctors, nurses, and staff depend.”

Tom Pacek
VP of Information Systems and CIO
South Jersey Healthcare

To begin exploring your options for managing your application processing environments in the cloud, contact your Siemens representative or call us at 1-888-826-9702.

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Order No. A914CX-HS-12827-P1-4A00
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