BROCADE

Brocade Patient-Centered Network

HIGHLIGHTS

Healthcare organizations are shifting to patient-centered, value-based services, and moving away from the traditional physician- and facility-centric "fee-for-service" model.

Brocade Patient-Centered Network Advantages

Brocade provides healthcare organizations with these advantages:

- **Simplified:** Features self-discovery and reduced touch-points to enable efficient ongoing maintenance.

- **Secure:** Ensures that patient and financial data is exchanged and stored in a highly secure manner.

- **Open:** Enables true best-in-class solutions by using an open standards framework.

- **Robust:** Enhances network availability, performance. and management through active-active designs.

- **Cost-effective:** Provides the industry's lowest acquisition cost and TCO in a "pay-as-you-grow" model.

Empowering Healthcare with Patient-Centered Networking

Brocade provides simplified solutions that empower healthcare organizations to deliver safe, optimal patient outcomes through cost-effective, open, ecosystem-driven networks—enabling robust collaboration and information exchange.
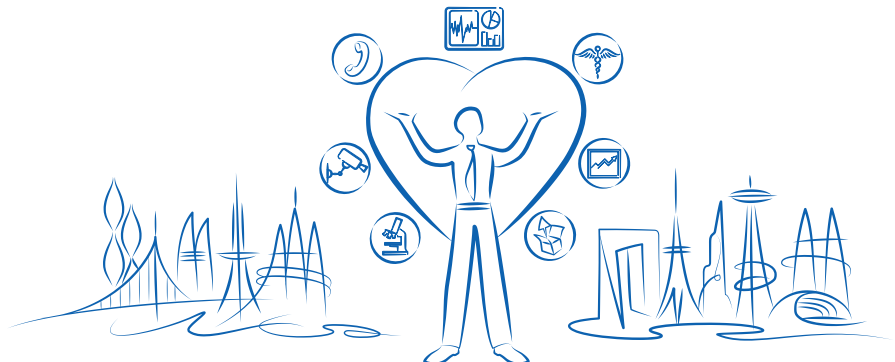
Today's healthcare organizations are shifting away from the traditional physician- and facility-centric "fee-for-service" model, and are moving to patient-centered, value-based healthcare services. In response, the Brocade Patient-Centered Network aligns with the new value-based clinical and business model. As a result, healthcare organizations can deliver secure, cohesive, next-generation services to patients.

The Brocade Patient-Centered Network supports the following values:

A Solution that is Open and Innovative

As a vital component of healthcare delivery, the Brocade Patient-Centered Network provides unprecedented interoperability that allows applications and devices to connect quickly and cost-effectively. The Brocade multivendor network strategy stimulates "freedom of choice" and eliminates single-vendor "lock-in" and disparate silos.

The Brocade network is built using a consistent, open standards framework that allows healthcare organizations to evolve their networks in a way that delivers a strong competitive advantage. This network enables true best-in-class architectures that drive innovation across the entire healthcare ecosystem. By using an open, integrated, and interoperable multivendor strategy, Brocade maximizes

network uptime, availability, and performance while reducing the cost of traditional healthcare environments.

A Solution that Leverages Software-Defined Networking (SDN)

Brocade SDN-based network architecture enables the centralized management of network devices by decoupling the data and control planes from devices and infrastructure. SDN simplifies network management to provide a highly reliable, single point of control and orchestration. Using a "single pane of glass," healthcare organizations can efficiently manage and dynamically optimize network resources, allowing fast integration of new applications and devices to the network.

With SDN, every traffic flow is given a priority in order to differentiate service levels. SDN also provides granular control of network parameters at the user, application, and device level to improve the end-user experience. SDN provides measurable savings in capital and operating costs (CapEx and OpEx).

A Solution that Meets Your Unique Needs

The Brocade Patient-Centered Network permits healthcare organizations to freely choose the solutions that best meet their unique needs. Each organization is made up of a highly complex ecosystem where new care and financing models are blurring the boundaries between individual healthcare segments.

Traditional healthcare services are being replaced by technology that allows clinicians to examine, consult with, and treat patients anywhere and at any time. As patient-centered, value-based healthcare services become tightly integrated, greater emphasis is placed on enhanced communication, collaboration, and care coordination. It is imperative for patient records and data to be exchanged and stored in a safe and highly secure manner, in accordance with existing regulations.

A Solution You Can Deploy at Your Own Pace, in Your Own Way

Today's healthcare organizations must address continually changing clinical and business requirements, while ensuring that their networks can scale rapidly to enable future growth—such as by using a cloud computing model—without sacrificing return on investment.

The Brocade Patient-Center Network can scale and support changing clinical and business requirements without requiring dramatic revisions to the existing architecture. This includes the deployment of applications, services, and devices within or outside the data center and/or campus environment. With increasing digitization, the network edge must dynamically scale in both size and diversity to deliver the performance needed to maintain the continuous operation of key functions.

To learn more about Brocade solutions, contact your Brocade Sales Representative or Brocade Partner. Or visit www.brocade.com.

"Networks are at the foundation of health information technology solutions, much like the heart and circulatory system are for the human body. Without a reliable network, we simply cannot survive. It delivers the blood and oxygen—the information we need—at the point of care."

– MD and CMIO,
   Memorial Hermann Health System

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