The onset of the 2020 pandemic spurred a rapid and widespread adoption of digital technologies within the healthcare sector, setting an unprecedented pace for transformation. As a result, hospital IT departments find themselves continually challenged to accommodate a growing array of innovative technologies, including Electronic Health Records, Patient Management Systems, and Clinical Decision Support Systems.

Traditional three-tier IT infrastructures commonly found in hospital data centers struggle to keep up with this escalating demand. Based on a relatively static and complex environment comprising diverse platforms and systems, these infrastructures prove to be inflexible and costly to manage and maintain.

Hyper-converged infrastructures (HCI) address these limitations by delivering a next-generation on-premises infrastructure with cloud-like operations and economics.

Fujitsu PRIMEFLEX Integrated Systems, built on leading hyper-converged technologies from VMware by Broadcom, Nutanix, or Microsoft, provide healthcare organizations with a reliable, scalable, and cost-effective IT infrastructure that seamlessly integrates into hybrid cloud environments, serving as a robust foundation for navigating the complexities of digital transformation in healthcare.

Benefits at a glance

- Safeguarding customer data and workloads
- Flexible deployment for emerging medical applications
- Efficient management for enhanced IT support
- Space, power, and cooling optimization
- Prepared for seamless hybrid integration
- Supports cloud-like pay-per-use model for on-premises infrastructure
Transform with confidence to HCI

Pre-configured and rigorously tested in advance, PRIMEFLEX Integrated Systems from Fujitsu offer healthcare IT organizations a seamless solution for the deployment of hyper-converged infrastructures. With a standardized implementation and accompanying infrastructure support service, PRIMEFLEX Integrated Systems significantly enhance the user experience across the entire life cycle of a hyper-converged IT infrastructure – from initial deployment to ongoing operation and maintenance.

Ensure security of patient data and workloads
Comply with regulatory standards by establishing a robust on-premises platform with integrated high-availability and data protection to safeguard the availability of medical applications and protect sensitive patient data.

Optimize space, power, and cooling resources
Minimize your infrastructure footprint and decrease power and cooling expenses with a space-efficient IT architecture that eliminates the need for external storage systems and LAN switches.

Facilitate flexible deployment of future medical applications
Implement a highly scalable platform that supports cloud-like provisioning of new workloads, enabling a seamless and adaptable rollout of upcoming medical applications.

Prepare for hybrid integration
Seamlessly connect to public services, extending your on-premises infrastructure into a hybrid cloud environment for enhanced flexibility and scalability.

Streamline management for enhanced IT support
Boost operational efficiency and reduce routine management efforts through centralized management and automation capabilities, freeing up IT skills to focus on expanding IT services.

Adopt a cloud-like pay-per-use model for on-premises infrastructure
Realize over 25% better total cost of ownership (TCO) compared to traditional capital expenditure approaches with Fujitsu uSCALE – flexible on-premises IT infrastructure solutions “as-a-Service” with monthly consumption-based billing based on actual usage.

What our customers say

“In developing the solution for our P2N network, Fujitsu gave us expert support from concept to implementation.”
Siegfried Troska, Administrator IT Infrastructure, University Medical Center Schleswig-Holstein – Kiel Campus

“We no longer just operate a healthcare system, we are also a driver of innovation, employee satisfaction and patient welfare.”
Norman Lüttgerding, CIO, Braunschweig Municipal Hospital

Learn more about PRIMEFLEX Integrated Systems from Fujitsu:

www.fujitsu.com/global/primeflex