SOLUTION PROFILE

Deliver Predictable HealthCare with Data-Driven Solutions

Enabling data-driven decisions and automation for transformative care delivery and superior patient outcomes.

Solutions for Data-Driven Healthcare

As a healthcare leader, you know that navigating the ever-changing industry landscape can be a major challenge. Shifting consumer preferences and behaviors, rapidly evolving digital healthcare technologies and ecosystems, new talent and care delivery models. These along with clinical innovation continue to create challenges and opportunities for healthcare organizations everywhere.

To address these evolving needs, healthcare leaders are looking for solutions that can help create a more patient-centric and sustainable healthcare system – one that can discover and address issues faced by patients, augment and automate operations to improve workflows; and enhance clinician experience and patient engagement. This means moving beyond simple solutions to addressing broader issues, such as how patients access the healthcare system and how to prevent asset-management failures that can potentially cost lives.

Using Data to Bridge the Gap Between Quality Care and Superior Outcomes

Healthcare organizations have plenty of data about their patients, people and assets. Yet, collecting, sharing and extracting insight and value from these data riches is

> **"A clinical study collecting, transferring, and analyzing data on 10 patients used to take around six months. Now, we can realistically do that in a week."**
>
> The University of Queensland, Austrailia

Empowering the Data-Driven Hospital Through Digital Care and Operations at Scale

A three-pillared approach to improving patient outcomes and transforming care delivery by embedding data into decisions and processes for more innovative healthcare

Digital Coordinated Care

- Turn insights into action for better patient-centric care.
- Embed data in decisions to deliver insights into performance, discharge, capacity and demand.
- Empower care teams with visibility to proactively manage their environment.
- Reinforce foundational data infrastructure critical to care.

Digital Operations

- Predict demand and plan strategic and operational response.
- Improve agility, wait times, capacity and utilization.
- Maximize efficiency with AI/ML, IoMT, digital twin, supply chain, robotics and automation.
- Maximize value of assets today; modernize for tomorrow.

Connected Ecosystem

- Tailor treatment/personalized medicine for better outcomes.
- Enhance collaboration/connect clinicians, scientists and researchers across healthcare value chain.
- Augment intelligence to accelerate cures, improve diagnostics and achieve data-driven outcomes.
- Look beyond present care with future focused designs.

> **"We now have the data center efficiency and agility we need to support innovation and future changes within the healthcare sector."**
>
> University of Utah Health

time-consuming and labor intensive, at best. As the demand for healthcare outpaces supply, the inability to work quickly and efficiently can delay services, increase wait times, extend hospital stays, increase costs and reduce the time clinicians actually spend with patients.

At Hitachi Vantara, we believe the answers to these and other complex, interconnected challenges can be found by taking a superior approach to data. Every day, we help healthcare leaders around the world leverage the power of data to improve patient engagement and outcomes, transform the clinician/care team experience, improve patient and asset management, control costs, increase performance and more.

Hitachi Digital Care and Operations is our suite of digital solutions and tools to simplify and automate care delivery by enabling actionable decision-making through a collaborative process. Working together, we can help you accelerate your transformation and realize significant, improved outcomes, including:

- 20% increase in hospital efficiency
- 95% accuracy on predicted length of care
- 10% reduction in average patients' length of stay.

Hitachi Digital Care and Operations Solutions

By leveraging the right solutions, your organization can stay ahead of the competition and position itself as a true leader in the industry. You can differentiate yourself by transforming the way you deliver care, achieve operational excellence, and make a meaningful impact on the health and well-being of your community. It all comes down to using the right solutions and staying informed about the latest industry developments.

Your Partner in Innovation

Hitachi has a range of solutions designed for the needs of modern healthcare providers, including core solutions focused on data infrastructure and applications, cloud and data modernization and analytics services to help you get maximum value from your data assets while ensuring proper governance.

Hitachi has decades of experience working with leading healthcare providers around the world to maximize the value of their data infrastructure and assets. Our goal is to deliver solutions that are actionable, collaborative and transformative.

Learn More →

To find our more about how Hitachi can help your organization build a data-driven foundation for digital healthcare and operations success, visit hitachivantara.com

ABOUT HITACHI VANTARA

Hitachi Vantara, a wholly-owned subsidiary of Hitachi Ltd., delivers the intelligent data platforms, infrastructure systems, and digital expertise that supports more than 80% of the Fortune 100. To learn how Hitachi Vantara turns businesses from data-rich to data-driven through agile digital processes, products, and experiences, visit hitachivantara.com.

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HV-CBE-SP-Solutions-Data-Driven-Healthcare-17Apr23-A