NTT DATA Hospital at Home

What

Home-care programs serve patients with acute conditions that caregivers can safely treat in a home environment. While home health focuses on delivering hands-on nursing and medical equipment, NTT DATA Hospital at Home is revolutionary in that it includes comprehensive acute care in a hybrid virtual/in-person setting leveraging technology to efficiently support the clinical workforce.

Why

Patient needs, and provider value are propelling the shift toward acute at-home care programs. As the home becomes the focal point of patient care, treatment becomes a more cost-effective, accessible, and enhanced experience. Hospital at Home cultivates a continuum of care for the patient, expands a provider's virtual footprint and helps relieve staff burnout by diversifying work environments.
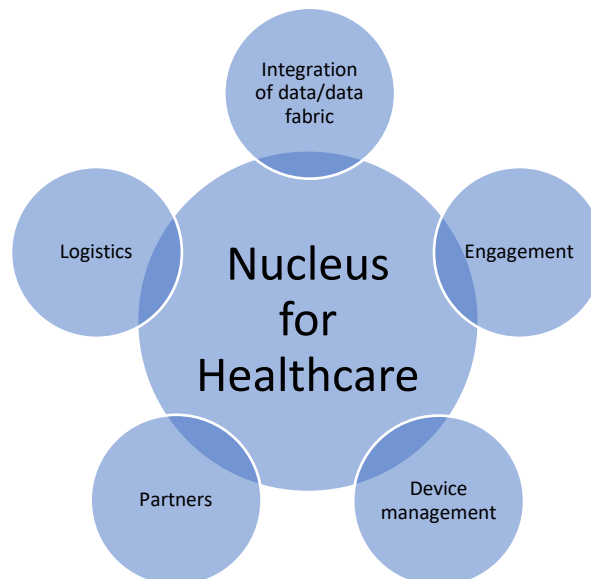
How

To drive the development of a successful home-care program, you need to consider the appropriate resources, roles, organizational culture, and reimbursement models. With NTT DATA, you can leverage technology and a digital framework that fully and securely operationalizes Hospital at Home by integrating multiple data sources with staff, devices, and patients.

NTT DATA's

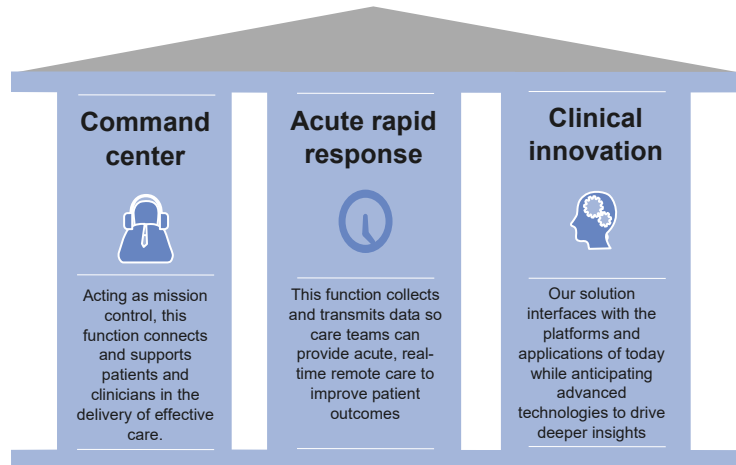Our strong technological and consultative capabilities support the development of critical home-care programs. Powering these capabilities is NTT DATA's Nucleus for Healthcare, our suite of software products and a cloud-based platform designed to automate enterprise outcomes for healthcare organizations. It provides portal access for clinical staff, manages remote devices and artificial intelligence resources, enables patient access for communication, and delivers alerts and notifications. By leveraging a holistic approach to patient care in the home, NTT DATA Hospital at Home helps health systems create an effective care-at-home strategy that ultimately drives improved patient outcomes, enhanced patient satisfaction and reduced cost.

Nucleus for Healthcare

- Integration of data/data fabric
- Engagement
- Device management
- Partners
- Logistics

NTT DATA Nucleus — Intelligent Enterprise Platform

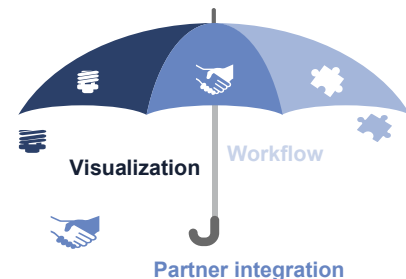| **Real time**	**Flexible**	**Single view of IT estate**	**Self-service**
Provides real-time operational reports and insights	Integrates with the client environment	Has a single-screen view to facilitate ease of use and boost productivity	Is customizable and configurable to meet client needs

Health systems that deploy acute care in the home are adding another layer of complexity to an already intricate existing system. A few of the many challenges involved in implementing home care include; linking multiple data types with a range of users, providing staff with necessary alerts and notifications, coordinating the use of both in-person and virtual care, maintaining a personalized patient experience and realizing reduced costs.

Hospital at Home leverages a simple and integrated digital system and model that enable at-home care technologies to work seamlessly with the hospital. The solution provides three essential support functions: a command center, acute rapid response, and clinical innovation.

Command center

Acting as mission control, this function connects and supports patients and clinicians in the delivery of effective care.

Acute rapid response

This function collects and transmits data so care teams can provide acute, real-time remote care to improve patient outcomes

Clinical innovation

Our solution interfaces with the platforms and applications of today while anticipating advanced technologies to drive deeper insights

Leveraging a consultative approach, NTT DATA Hospital at Home includes integration expertise to automate the flow of data between partners and the existing system. Detailed workflows support each element within our delivery model. A single pane of glass, based on persona and role, provides data insights into program activities. By orchestrating these activities, NTT DATA can seamlessly manage the many components that drive a digital ecosystem to support acute at-home care.

Visualization   **Workflow**

Partner integration

If your hospital is thinking of launching or extending a home-care service, pay close attention to connectivity, governance, and the operational model at scale. By deploying satellite branches within patient homes, you create a distributed healthcare network, and the trust built within your hospital's walls needs to translate to this environment. You need a partner to help you create a roadmap, including your assets, culture, values, doctors, staff, and the patients you serve. NTT DATA understands connectivity at scale. With proven experience in technology and healthcare, we can help your hospital successfully make each patient's home the focal point of their care.

To learn more about how your organization can spearhead the future of healthcare, please schedule a consultation with our Hospital at Home experts.

Richard Swafford, PhD

Industry Consulting Director

Richard.swafford@nttdata.com

+1.760.533.9417

Navesh Kandiyil MD, MBA, FACHE

Industry Consulting Director

Navesh.Kandiyil@nttdata.com

+1.516.709.2364