



Virtual Healthcare Solution for Remote Patient Monitoring

Merging anytime, anywhere convenience with proactive healthcare experiences

Digital has changed nearly every facet of life. Healthcare is no exception, and organizations hoping to stay relevant will have to meet widespread demand for virtual services that are convenient, yet just as comprehensive as in-office treatment. While this may sound like a challenge, it's also an opportunity to deliver new services and provide better outcomes than traditional care alone. Among the most pressing needs is remote patient monitoring, which not only provides patient convenience, but also generates more comprehensive data that can be leveraged by AI/ML-powered automation, resulting in better care.

To best serve today's patients, healthcare organizations will have to integrate scalable virtual care solutions into their often legacy business models. Finding success will require redesigned

patient experiences, reimagined care-giver interfaces and the enablement of continuous, anywhere care. Meanwhile, IT leaders will have to harness the right technology to seamlessly bring together a variety of applications in real-time.

Legacy systems cannot support this vision. The cloud is the only way forward.

With chronic diseases expected to account for 70% of global deaths by 2030, remote monitoring is quickly becoming recognized as an optimal way to prevent, manage and treat disease.

Source: Digital Therapeutics Bull Case, CBInsights

Our offering

Cognizant's Virtual Healthcare Solution for Remote Patient Monitoring simplifies the process of merging the benefits of virtual healthcare with the expansive capabilities of the Microsoft Cloud. By integrating data across disparate health information systems, care providers can cross-reference historical patient health data, identify early warning signs of chronic conditions and engage with patients virtually via Microsoft Teams powered tele-health visits. The ability to offer personalized care management regardless of patient location – combined with access to advanced technologies that support early identification of potential health complications – enables time-sensitive interventions and improves the overall patient healthcare experience – all in one unified cloud solution.

Improving experiences for both patients and providers:

Patient application:

Patients are provided with an application that integrates with connected devices to monitor vitals and health telematics. This app helps with managing appointments and medication, shares educational content and delivers a personalized care program tailored to individual disease conditions.

Configurable clinician dashboard:

Configurable clinician dashboard - Clinicians can remotely monitor a patient's connected devices, and quickly view patient details and flow charts for near real-time assessment and triage. AI and ML help to identify early warning signs, and patient treatment adherence patterns can be tracked with analytics. When consultations are required, providers can use Microsoft Teams' telehealth integrations to perform remote sessions expediently and efficiently.

Cloud powered:

The solution uses Microsoft's secure cloud platform and healthcare APIs like FHIR to integrate applications, aggregate data and connect with critical health systems and connected patient devices.

Remote patient monitoring health services

Features

- Ready-to-deploy components
- Medical-grade services
- Standard compliance
- Data security
- Architecture tenets

Connected medical devices

- Bedside monitoring
- Infusion pumps
- Vital monitoring devices
- Implanted and wearable devices

Mobile & web apps

- Bedside monitoring
- Infusion pumps
- Vital monitoring devices
- Implanted and wearable devices

Additional patient vitals

(Powered by Cognizant Virtual Healthcare)

- Wearables
- iHealth Cloud
- 3rd party device integrators

Driving a new level of vigilance with the Microsoft Cloud

- Proactively identify early warning signs of chronic conditions and potential health complications
- Deliver time-sensitive interventions rather than react to emerging problems
- Create a convenient patient experience while delivering better health outcomes
- Increase medication and treatment adherence





Why Cognizant?

By uniting analytics, security and interoperability, our collaboration with Microsoft offers a unique, scalable solution that aims to connect providers and patients, as well as enhance the quality, convenience and personalization of healthcare services. As an early Microsoft Cloud for Healthcare partner, Cognizant has leveraged Microsoft Azure services to deliver a commercially available, comprehensive healthcare solution. With tools and infrastructure like Microsoft 365, Dynamics and Power Platform, healthcare organizations can seamlessly deliver remote, targeted patient monitoring, support and care.

Cognizant leverages Microsoft's cloud capabilities to integrate data across disparate health information systems – from imaging to vitals to claims – helping providers cross-reference historical patient information, proactively identify illness and engage with patients via Microsoft Teams. Connected medical devices, mobile and web apps and data from wearables and third party device integrators all connect to the Microsoft Cloud to form a single, secure view of the patient, enabling personalized care management, regardless of patient location.

To learn more, visit cognizant.com/healthcare-technology-solutions/virtual-care.

About the Cognizant Microsoft Business Group

Raising the standard for cloud modernization and beyond, the Cognizant Microsoft Business Group is an end-to-end, award-winning Microsoft-centric cloud solutions provider leveraging our extensive experience and IP to deliver constant innovation and business value to our clients with focus, simplicity and scale. We are one of the world's most certified Microsoft partners with +7,000 certified consultants, 15 Advanced Specializations & 18 Gold competencies, are a member of 6 Partner Advisory Councils and have received +25 Partner of the Year Awards. We have also designed our proprietary GO Digital Operating Model to help our clients rebalance their people, processes and technology to maximize the business value of their investments on the Microsoft Cloud platform. Learn more at mbg.cognizant.com.



Cognizant (Nasdaq-100: CTSH) is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. Our unique industry-based, consultative approach helps clients envision, build and run more innovative and efficient businesses. Headquartered in the U.S., Cognizant is ranked 185 on the Fortune 500 and is consistently listed among the most admired companies in the world. Learn how Cognizant helps clients lead with digital at www.cognizant.com or follow us @Cognizant.

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