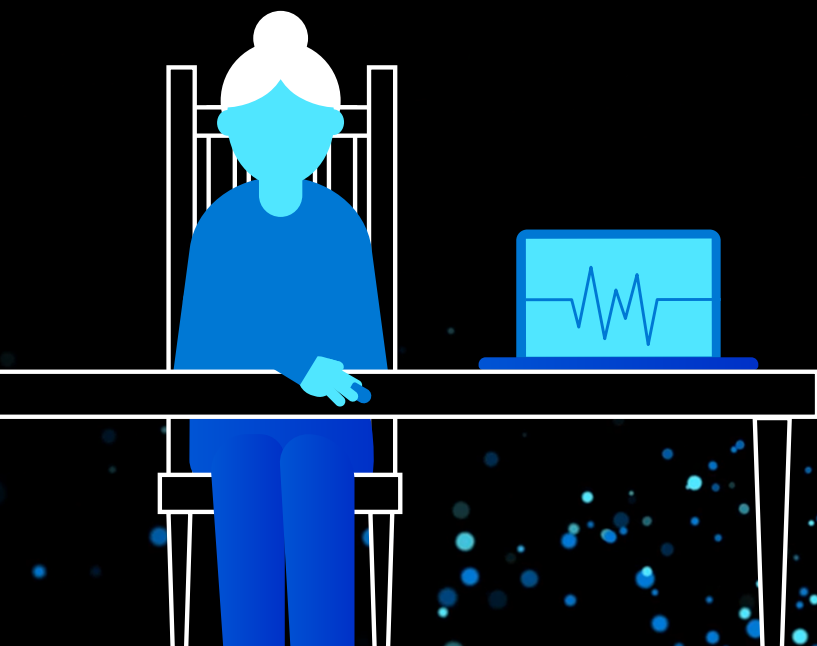


Intelligent Healthcare Solution Brief

The world is faced with a steep learning curve in managing health—especially with patients worrying about going to hospitals because of COVID-19. According to Evidation's COVID-19 impact study, 42% of individuals are worried or very worried about going to the doctor's office for necessary care because of the coronavirus outbreak.¹ On top of this, the aging population and increasing rates of chronic illness mean pressure on healthcare resources will intensify, making proactive measures essential.

The healthcare industry has not only increased safety measures, but also fast-tracked remote patient monitoring, which reduces in-person visits, boosts patient convenience, lowers readmission rates, and increases clinician productivity. There are two consistent barriers that prevent broad adoption of this remote monitoring: first, the interoperability of IoT-based medical device data with healthcare data, and second, the rapid and secure exchange of protected health information (PHI) from these devices.

The intelligent hybrid remote patient monitoring solution

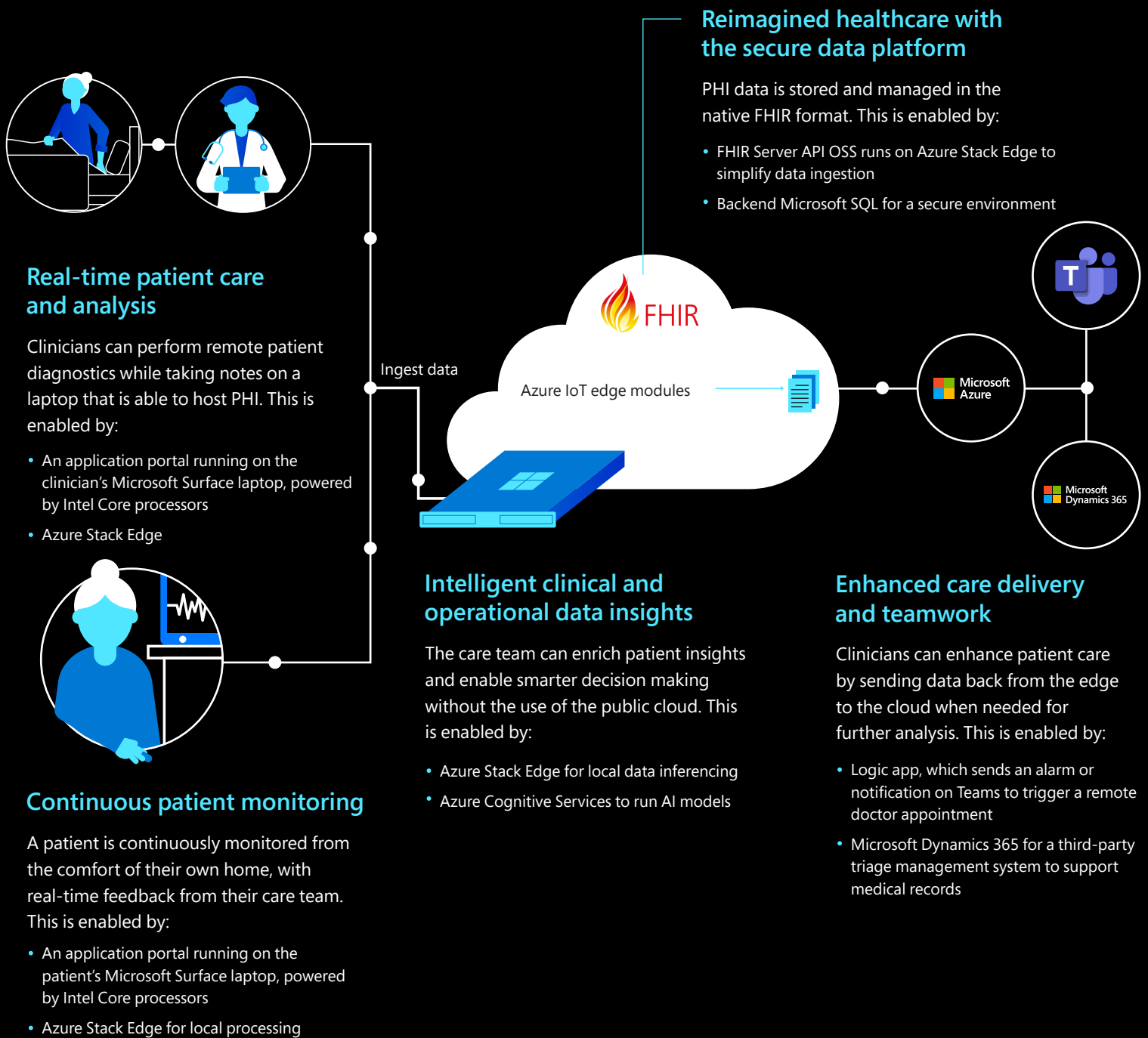


There is an incremental need to securely aggregate data from wearables, medical devices, EHRs, and other sources into a single hub platform without using a datacenter or the public cloud. The answer lies within edge solutions—including Microsoft Azure Stack Edge. Powered by Intel technologies, Azure Stack Edge gathers information and provides analysis locally to enable faster decision making in healthcare. It allows disconnected and remote processing in cloud-like solutions inside the hospital or clinic with or without access to the Azure cloud, thereby reducing latency.

¹Evidation's COVID-19 impact study

Intelligent healthcare in action

Let's look at intelligent healthcare use cases with Azure Stack Edge, powered by Intel processors.



All the technologies featured in the intelligent healthcare use cases are available today.

From intelligent edge devices to the cloud, these Microsoft products are powered by the latest Intel technologies and work together to discover, manage, and analyze data in real time.

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