

THE ROLE OF **IoMT** IN CONNECTED HEALTHCARE

Digital is driving Connected Health

The global digital health market is estimated at **\$179.6 Billion**

Expected CAGR of **13.4%** from 2017 to 2025

Will reach **\$536.6** billion in the next 7 years

In spite of Healthcare being slow to adopt IoT, the Internet of Medical Things (IoMT) is transforming the way patients are treated and monitored.

What is **IoMT**?

The **Internet of Medical Things** refers to the **connected system of medical devices and applications** that collect data that is then provided to healthcare IT systems through online computer networks.

The **IoMT can help** monitor, inform and notify not only care-givers, but provide healthcare providers with actual data to **identify issues** before they become critical or to allow for **earlier intervention**.

Adoption of **IoMT** in Healthcare

60%

Nearly 60% of healthcare organizations have introduced IoT devices.

73%

73% of healthcare organizations use IoT for maintenance and monitoring.

87%

87% of healthcare organizations plan to implement IoT technology by 2019 which is slightly higher than the 85% of businesses across various industries.

64%

Nearly 64% use of IoT in the healthcare industry is patient monitors.

How **IoMT** is making an impact?

While you might think that IoMT would help diagnose patients, currently the biggest use—and impact—of IoMT is to ensure adherence to doctor's orders.

A connected medical device provides objective reporting of actual activity, whereas without it reporting providers must rely on subjective patient reports to detail how they feel.

There are some connected devices that allow internal surveillance in a way that's never been available before especially with smart technologies added to medical devices such as pacemakers.

The biggest impact of IoMT is Preventive and Predictive care as it helps reduce the number of hospitalizations while improving the quality of care. As a result resources can be allocated in areas that have the most critical need.

IoMT's Upside

THE FUTURE LOOKS PROMISING

Spending on **Healthcare IoT** solutions will reach a staggering **\$1 trillion by 2025** and, hopefully, will set the stage for highly personalized, accessible, and on-time Healthcare services for everyone.

In 2025, remote monitoring could create as much as **\$1.1 trillion a year** in value by improving the health of patients with chronic diseases.

Today, there are **3.7 million medical devices** in use that are connected to and monitor various parts of the body to inform healthcare decisions.

About Happiest Minds Technologies:

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as: **Big Data Analytics**, **AI & Cognitive Computing**, **Internet of Things**, **Cloud**, **Security**, **SDN-NFV**, **RPA**, **Blockchain**, etc. Positioned as "Born Digital . Born Agile", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/ transportation/hospitality.

Headquartered in Bangalore, India; Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.

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