

# Advancing M2M adoption in the healthcare industry is transforming medical and personal health devices, business models and patient engagement

**A new report from Machina Research examines the impact that M2M will have on the healthcare sector: the likely adoption, the impact on clinical outcomes, and the implications for the sector.**

**[San Francisco, US 7<sup>th</sup> May, 2014]**

The global healthcare sector is increasingly turning to machine-to-machine (M2M) technology and platforms to add improved cost efficiency, increase adherence to medical regimens and enhance medical outcomes. As a result of soaring medical costs particularly in the US and other markets, medical facilities are expanding the role of connected devices and sensors in care delivery to offer greater flexibility of chronic disease treatment, reach underserved populations and spark better patient engagement with their healthcare services.

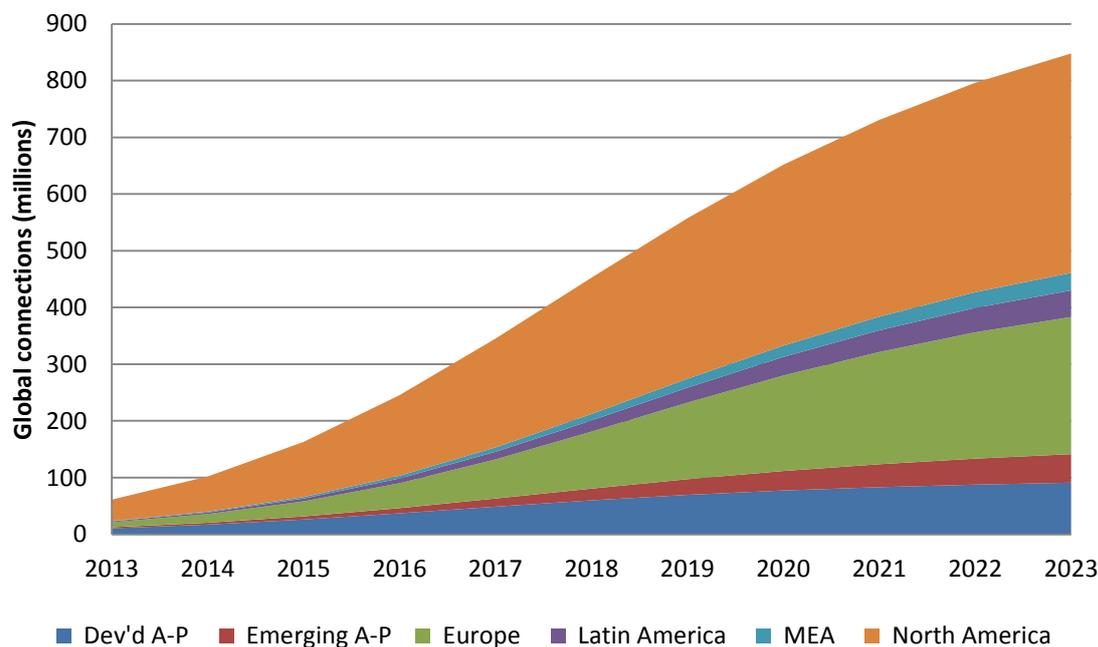
*“In a country like the United States, with healthcare spending nearing 20% of national GDP, M2M technology may well provide the single most promising approach to expanding healthcare services in a cost effective manner,”* remarked Andy Castonguay, Principal Analyst with Machina Research and author of the new Sector Report: Machine-to-Machine (M2M) Communications in Healthcare 2013-23. *“While the cost dynamics of healthcare are a key factor driving innovation in the field, connected health devices and applications are also proving to be a key element in improving patient engagement and health.”*

Despite the complexities of the healthcare privacy/security regulations, payment/reimbursement frameworks and medical organizations’ structures, advances in connected medical devices and services offer substantial promise for organizations looking to expand services, reduce costs and improve medical outcomes.

As a result of notable uptake of clinical remote monitoring, connected medical environments, worried well personal health monitoring and improved assisted living monitoring Machina Research forecasts that the installed base of M2M connected devices within the health sector will approach 847 million by 2023.

As illustrated in the chart below, North America will be the largest region for the duration of the forecast reaching 386 million connections by 2023, followed by Europe and Developed Asia Pacific. With this significant growth of connected devices and sensors, the M2M healthcare industry will generate USD90.9 billion in total revenues by 2023, outlined in the figure below, increasing at a CAGR of 17.2% from 2013.

Figure: Global healthcare M2M connections by region, 2013-2023 [Machina Research, 2014]



These, and numerous other elements of the M2M healthcare market, are addressed in the report.

## About the study

The report “Machine-to-Machine (M2M) Communications in Healthcare 2013-23” is focused on the rapidly evolving market dynamics related to M2M healthcare and the future market opportunity within the diverse and complex global healthcare industry. The report is based on detailed and extensive research about innovative products, services and business models and discussions with key relevant stakeholders, supplemented by Machina Research’s extensive understanding of the changing dynamics of the industry. Leveraging Machina Research’s comprehensive forecast database, this report also highlights the growth of connections, devices and revenues for M2M healthcare sectors across global regions as well as top healthcare industry segments and associated applications.

This report examines several key drivers of M2M healthcare devices, services, connectivity, pricing and expected volumes for a ten-year forecast period. In particular, the report provides detail and analysis of the changing landscape in top healthcare practice fields such as clinical remote monitoring, connected medical environments, first responder services, assisted living and assisted living. The report also examines the business model drivers and challenges of companies integrating M2M modules and connectivity into their healthcare products and services portfolio as well as into their own business operations and processes.

The report is available as part of the Machina Research Advisory Service. For more information on the Advisory Service, visit <https://machinaresearch.com/what-we-do/advisory-service/>.

## About Machina Research

Machina Research is a technology research and consulting firm focused on the emerging opportunities associated with new forms of connected device. We provide market intelligence and strategic insight to help our clients maximise opportunities from these rapidly emerging markets. If your company is a mobile network operator, device vendor, infrastructure vendor, service provider or potential end user in the M2M, IoT, Big Data or mobile broadband space, we can help.

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