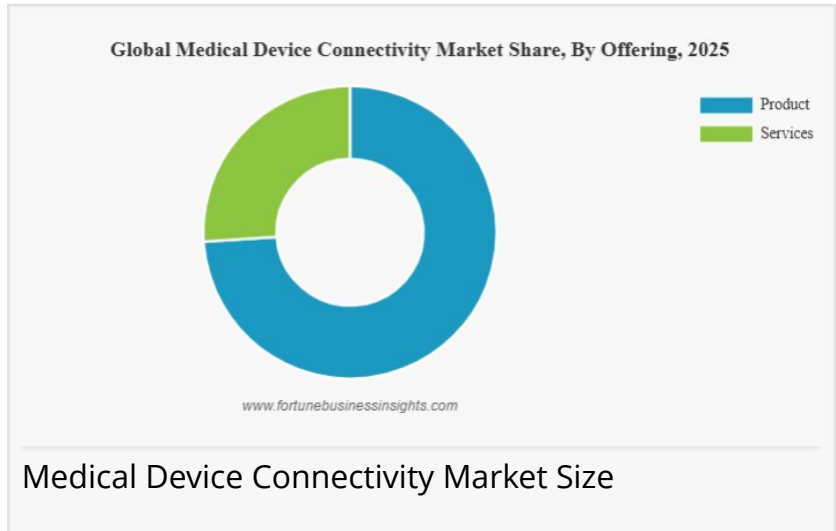


# Medical Device Connectivity Market Set to Hit USD 15.55 Billion by 2034, Driven by 7.87% CAGR Growth 2026-2034

*The medical device connectivity market includes Koninklijke Philips N.V., Masimo, Ascom, General Electric Company, Oracle, Siemens Healthineers AG, and more.*

PUNE, MAHARASHTRA, INDIA, February 3, 2026 /EINPresswire.com/ -- The global [medical device connectivity market](#) size was valued at USD 7.93 billion in 2025. The market is projected to grow from USD 8.49 billion in 2026 to USD 15.55 billion by 2034, exhibiting a CAGR of 7.87% during the forecast period. This steady growth highlights the increasing importance of connected healthcare systems and digitally enabled clinical workflows.



The medical device connectivity market is gaining strong momentum as healthcare systems worldwide increasingly adopt digital technologies to improve clinical efficiency, patient safety, and data-driven decision-making. Medical device connectivity refers to the integration of medical devices with hospital information systems, electronic health records, and clinical networks, enabling seamless data exchange across healthcare environments. This connectivity supports real-time monitoring, automated documentation, and enhanced interoperability across medical equipment.

The medical device connectivity market plays a crucial role in modern healthcare by enabling devices such as patient monitors, infusion pumps, ventilators, and imaging systems to communicate with centralized clinical platforms. These connectivity solutions reduce manual data entry, minimize documentation errors, and improve overall workflow efficiency. Healthcare providers are increasingly implementing connectivity solutions to enhance patient safety, ensure accurate data capture, and support evidence-based decision-making. The growing adoption of electronic health records and the need for seamless device integration are key factors supporting market expansion.

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### Medical Device Connectivity Market Trends

One of the most prominent trends in the medical device connectivity market is the increasing adoption of vendor-neutral connectivity platforms. These platforms allow healthcare facilities to integrate devices from multiple manufacturers into a single unified system, improving operational flexibility and reducing dependency on proprietary solutions.

Another major trend is the integration of connectivity platforms with real-time analytics and clinical decision support tools. This enables clinicians to access actionable insights, improve response times, and enhance patient outcomes. Additionally, healthcare organizations are placing a strong emphasis on secure data transmission and system reliability as connected devices become more widespread.

### Market Competitive Landscape

The medical device connectivity market is moderately competitive, with several global and regional players focusing on innovation, partnerships, and ecosystem development. Market participants are investing in interoperable software platforms and connectivity hubs to strengthen their offerings and expand market reach.

Key companies operating in the market include:

Koninklijke Philips N.V. (Netherlands)

Masimo (U.S.)

Ascom (Switzerland)

General Electric Company (U.S.)

Oracle (U.S.)

Siemens Healthineers AG (Germany)

BD (U.S.)

Baxter (U.S.)

ICU Medical, Inc. (U.S.)

LANTRONIX, INC. (U.S.)

These companies are actively pursuing collaborations and product enhancements to improve interoperability and expand connectivity across healthcare settings.

### Market Segments

The medical device connectivity market is segmented based on-

By Offering (Products {Device Connectivity Hubs, Medical IoT Gateways, Medical Device Integration Platforms, EMR Interoperability Modules, and Others}, and Services {Implementation & Integration Services, Consulting & Workflow Optimization, and Others})

By Technology (Wired and Wireless)

By Application (Vital Signs & Patient Monitoring Integration, Anesthesia & OR Device Integration, ICU / NICU Connectivity, Imaging Device Data Integration, Home Health & Others)

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### Key Takeaways

The medical device connectivity market is witnessing steady growth driven by healthcare digitalization.

Interoperability and real-time data access are central to market adoption.

Vendor-neutral platforms are becoming increasingly important.

Strategic collaborations are shaping market dynamics.

### Market Regional Insights

The market demonstrates strong adoption across regions with well-established healthcare infrastructure. These regions benefit from early implementation of connected healthcare technologies and higher investment in digital transformation initiatives.

Other regions are gradually adopting medical device connectivity solutions as healthcare providers focus on improving clinical efficiency and patient safety through digital tools.

### Future Market Scope

The future outlook for the medical device connectivity market remains highly positive.

Continuous advancements in healthcare IT and increasing demand for integrated care solutions are expected to drive further growth.

As healthcare systems move toward smart hospitals and data-driven care delivery models, the demand for secure, scalable, and interoperable connectivity platforms is anticipated to rise significantly.

### Key Industry Developments

September 2025: Koninklijke Philips N.V. and Masimo extended their collaboration to integrate Masimo's sensor technology directly into Philips' multi-parameter patient monitors, enhancing monitoring capabilities and device interoperability.

July 2025: Koninklijke Philips N.V. collaborated with Dräger, Hamilton Medical, Getinge, and B. Braun Melsungen AG to introduce an open patient monitoring ecosystem designed for vendor-neutral device connectivity.

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## Conclusion

In summary, the medical device connectivity market is positioned for sustained expansion, supported by the growing adoption of digital healthcare technologies and the increasing need for integrated clinical systems. With the market projected to reach USD 15.55 billion by 2034, medical device connectivity is expected to remain a key enabler of efficient, data-driven, and patient-centric healthcare delivery.

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