Medidata Sensor Cloud – Pioneering the Next Generation of Connected Health Solutions
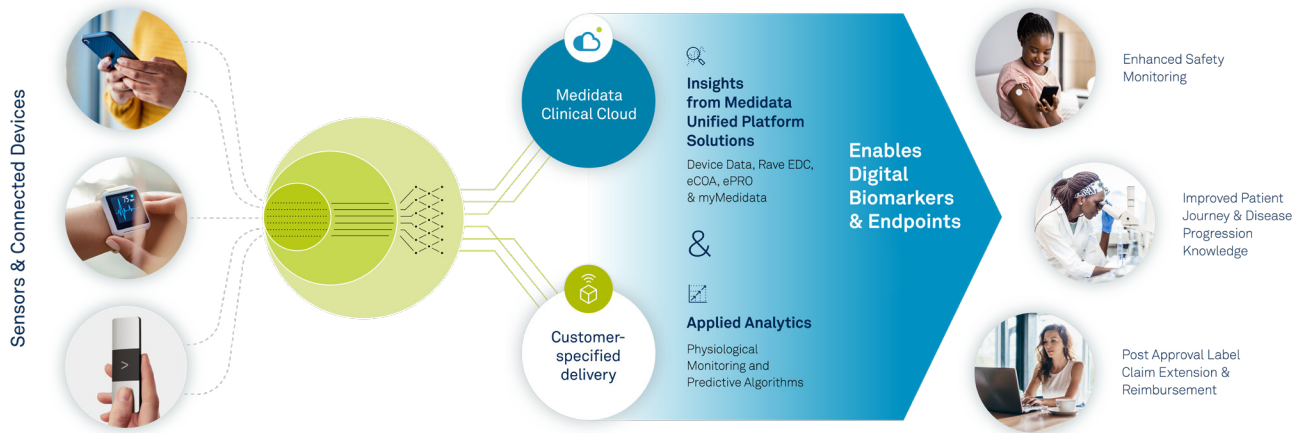

Medidata Sensor Cloud provides cutting-edge data ingestion capabilities focused on transforming the clinical trial experience for patients, sponsors, CROs, and research sites. Designed as part of a unified data platform, Sensor Cloud takes a unique approach to managing a broad range of sensor and medical grade device data during clinical trials.

Our common data model and proprietary algorithms enable rapid ingestion, normalization and analysis of patient data resulting in better clinical decision making, faster timelines and a more patient-centric experience.

Product Benefits

Faster, Better Decisions

- Develop objective measures to enhance eCOA data
- Empower patients to share data at any time from any location
- Build new measures and digital endpoints

Clinical Insights

- Create new analytic models and algorithms for clinical applications
- Develop digital endpoints that impact safety monitoring, disease progression and treatments

Greater Flexibility

- Incorporate sensors as part of a broader decentralized trial strategy
- Improve data visibility by shifting from episodic to continuous data collection
- Dedicated Patient Cloud Helpdesk focused on the site and patient experience

Simplification

- Streamline study oversight and deliver a unified sponsor experience through the Medidata Clinical Cloud
- Easily capture patient data regardless of location
- Reduce site and patient burden by cutting down on site visits, time, and travel

Features

Sensor Cloud leverages Medidata technology to reinvent clinical trials through sensor integration, data ingestion and digital biomarker discovery.

Rapid Integration
Enables rapid integration of any sensor/device in weeks vs months.

Common Data Model
Provides standardization and analysis of medical grade data from ingestion through delivery.
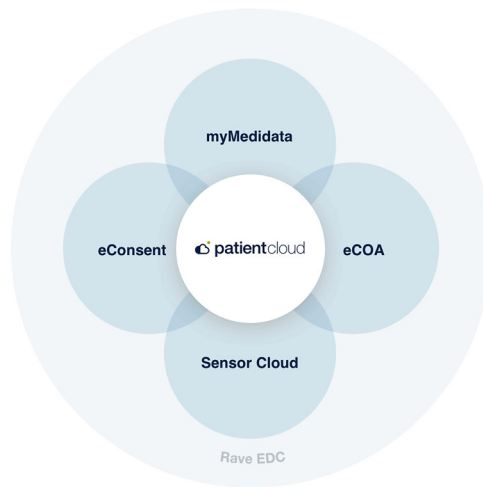
Synergies with Medidata Clinical Cloud™
Delivers a unified experience for patients, sites, CRO's, and sponsors.

Breadth of Capabilities
Measures a wide array of patient data including sleep patterns, activity, posture, vital signs & more.

Medidata's Patient Cloud Suite of Patient-centric Digital Health Solutions

The Medidata Advantage

Medidata Sensor Cloud incorporates Medidata (MC10) and leading third party medical grade devices that enable richer data sets to support biomarker discovery. Leveraging Medidata's expertise in digital health technology, we partner with study teams to develop the right strategy for using sensors in your clinical trial. We provide expert consultation on establishing study objectives/endpoints in the use of sensor data, as well as the study design that will maximize the value of the data and other feedback mechanisms. We use proprietary algorithms to derive clinical insights using sensor data and can develop custom algorithms to automatically detect and characterize disease-specific phenomena with digital precision.

Medidata, a Dassault Systèmes company, is leading the digital transformation of life sciences.
Discover more at **www.medidata.com** and follow us **@medidata**. Contact us at **info@medidata.com** | **+1 866 515 6044**