

Medidata Sensor Cloud

Medidata Sensor Cloud elevates patient care and enriches scientific evidence through medical-grade sensor data and analytics. Our end-to-end solution supports over 50 validated measures and algorithms across episodic and continuous sensors. We equip patients with a simple integrated experience to collect objective sensor data alongside subjective eCOA data. Clinicians and study managers have access to powerful study management and reporting tools to help monitor patient compliance and see meaningful insights and trends. Our data science experts deliver advanced analytics that combine objective and subjective data for complete patient views.



Benefits

Enrich Scientific Evidence

Support endpoints and label claims by complementing subjective eCOA data with objective sensor data. Reduce the number of patients needed for studies with continuous high-volume data.

Elevate Patient Care

Reduce patient burden with passive and at-home data collection. Allow sooner treatment intervention with actionable insights and trends for clinicians.

Simplify Study Management

Streamline sensor use in your trials by working with a single trusted partner. Leverage our sensor integrations and study management tools designed on a unified platform.

Features

Validated Measures

- Over 50 validated measures available via the Sensor Cloud Network
- FDA-cleared 510k sensors for targeted therapeutic areas
- Rigorously tested integrations with secure data flows

Patient Experience

- Direct sensor integrations with the myMedidata app
- Clear and concise sensor instructions for sensor use
- One place for patients to manage sensor and eCOA activities

Study Management

- Low-code/no-code sensor study configuration in Medidata Designer
- Dashboards for patient management and compliance monitoring
- White-glove services including logistics, training, helpdesk, and data management

Insight and Analytics

- Powerful suite of dashboard and reports for study managers and clinicians
- Advanced analytics that combine objective sensor data and subjective eCOA data
- Seamless data transfer in flexible formats



Vital Signs



Cardiac



Respiratory



Metabolic



Sleep



Snoring



Scratch



Cough



Electrodermal Activity



Falls



Activity



Mobility



Involuntary Movement



Upper Limb Mobility



Physical Functioning

The Medidata Advantage

Your trusted partner for over 25 years, Medidata has been driving change and enabling innovation through a scalable cloud-based platform for clinical trials. As sensor use proliferates in clinical trials, we're leading the way with an end-to-end solution that equips study teams with everything they need. Sensor Cloud reduces patient burden, delivers richer datasets and meaningful operational tools, and incorporates our deep expertise in sensor data science. Our clinical, technical, and regulatory experts work with you along the way to ensure operational success.

Medidata, a Dassault Systèmes company, is leading the digital transformation of life sciences.

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