# Capsule Technologies

A vendor-neutral Medical Device Information Platform (MDIP) for real-time data integration, clinical surveillance, and patient monitoring in hospitals.

https://capsuletech.com/

## Overview

Capsule Technologies, now part of Philips, provides the Medical Device Information Platform (MDIP), a comprehensive, vendor-neutral solution for liberating, aggregating, analyzing, and sharing clinical data from connected medical devices across a healthcare enterprise. The platform is designed to transform complex, live-streaming medical device data into context-rich, actionable insights to support proactive care delivery.

**Key Capabilities:**

**Medical Device Integration (MDI):** The platform connects to over 1,200 unique medical device models from over 100 different manufacturers using a comprehensive Device Driver Interface (DDI) library. This vendor-neutral approach ensures interoperability and a single, standardized interface for all device data.

**Clinical Surveillance (Capsule Surveillance):** This solution continuously analyzes live-streaming data using a Smart Rules engine to detect early signs of patient deterioration (e.g., respiratory depression, tachyarrhythmia). It facilitates proactive care by sending precise, condition-specific notifications to care teams, helping to reduce alarm fatigue.

**Clinical Information System (Philips IntelliSpace Critical Care and Anesthesia - ICCA):** A clinical decision support and documentation solution for critical and perioperative care environments that centralizes and streamlines visual data.

**Retrospective Analytics (Clinical Insights Manager):** A service-oriented solution that synthesizes high-fidelity clinical data for retrospective analysis, reporting, and research to support evidence-based care and quality improvement initiatives.

**Target Users & Use Cases:**

The software is primarily targeted at **hospitals and healthcare organizations** (IT/Biomed, Clinicians, C-suite). It is used to enhance patient safety, streamline clinical workflows (e.g., automated charting with Capsule Chart Xpress), and provide comprehensive patient views across critical care, non-critical care, operating rooms, and virtual care settings (e.g., Tele-ICU).

## Key Features

- Medical Device Integration (MDIP)
- Clinical Surveillance (Capsule Surveillance)
- Real-time Streaming Data Capture
- Smart Rules Engine for Alerts
- Vendor-Neutral Interoperability (1,200+ devices)
- Clinical Documentation (Capsule Chart Xpress)
- Retrospective Analytics (Clinical Insights Manager)
- Clinical Information System (IntelliSpace Critical Care and Anesthesia)

## Pricing

**Model:** enterprise

Pricing is not publicly disclosed and is based on an enterprise-level SaaS and licensing model for hospital-wide deployment.

**Target Company Size:** enterprise

## Integrations

Electronic Health Records (EHRs), Epic, Cerner, Allscripts, GE Healthcare, Philips eCareManager, 100+ EMR/CIS/HIT applications

## Compliance & Certifications

FDA-cleared solution, HIPAA