



Sentri7

Clinical surveillance platform that aggregates EHR data to provide real-time alerts for infection prevention, pharmacy, and drug diversion.

<https://www.wolterskluwer.com/en/solutions/sentri7-clinical-surveillance/infection-prevention>

Overview

Sentri7 Clinical Surveillance, built on the SoleSource® platform, is an enterprise-wide, web-based electronic surveillance application designed for hospitals and healthcare systems. The software aggregates and analyzes data from the EHR and other disparate hospital information systems in real-time to identify at-risk patients and staff, alerting clinical teams to opportunities to deliver evidence-based care and improve quality and safety.

Key Features and Capabilities:

Sentri7 offers a suite of specialized modules to address critical clinical and operational challenges:

Infection Prevention: Proactively identifies healthcare-acquired infections (HAIs) and trends sooner, streamlines regulatory reporting (including one-click submissions to NHSN), and helps manage multi-drug resistant organisms. The solution has been recognized as Best in KLAS for Infection Control & Monitoring.

Pharmacy Surveillance: Includes modules for Antimicrobial Stewardship (AMS), Opioid Stewardship, and Bayesian Dosing. It optimizes medication use, drives cost savings, and ensures compliance with standards like those from The Joint Commission and CMS (e.g., AUR reporting).

Drug Diversion: Leverages AI-driven detection analytics to uncover patterns of potential diversion of controlled and non-controlled medications from purchase to patient, streamlining investigations and supporting compliance.

Sepsis Monitor: Uses clinical natural language processing (cNLP) and advanced algorithms for 24/7 surveillance to identify early signs of sepsis and monitors patient care for deviations from the SEP-1 protocol.

The platform delivers insights into customized, role-specific workflows (e.g., for pharmacists, infection preventionists) and provides intuitive analytics dashboards for comprehensive program performance

review at the facility and system level.

Key Features

- 24/7 Real-time Clinical Surveillance
- AI-driven Drug Diversion Detection
- Antimicrobial & Opioid Stewardship Modules
- NHSN-validated Infection Prevention Reporting
- EHR Data Aggregation and Analysis
- Bayesian Dosing Recommendations
- Intuitive Analytics Dashboards
- Sepsis Monitoring with cNLP

Pricing

Model: enterprise

Contact Wolters Kluwer for a custom quote. Pricing is structured for enterprise-level healthcare systems and is not publicly disclosed.

Target Company Size: medium, enterprise

Integrations

EHR Systems, Lexicomp, NHSN

Compliance & Certifications

HIPAA, NHSN Reporting Validation, The Joint Commission Standards, ONC Certified Health IT Product List (CHPL)

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