



Siemens POCcelerator

A vendor-neutral Point-of-Care Testing (POCT) Data Management System for centralized monitoring, compliance, and workflow management of hundreds of POCT devices.

<https://www.siemens-healthineers.com/en-us/informatics/informatics-solutions/poccelerator-software>

Overview

The POCcelerator Data Management System by Siemens Healthineers is a comprehensive middleware solution designed to simplify and centralize the management of a large-scale Point-of-Care Testing (POCT) environment. It is engineered to maintain control of a customer's POC Ecosystem™, which can contain hundreds of devices, dozens of sites, and thousands of operators, thereby improving workflow and enhancing clinical capabilities.

Key Features and Capabilities

Open Connectivity and Integration:

The system offers vendor-neutral connectivity, supporting over 250 POCT devices from more than 70 manufacturers, allowing organizations to consolidate multiple middleware systems into one streamlined IT infrastructure.

It transmits POCT results via a single interface to the Laboratory Information System (LIS) and Hospital/Electronic Medical Record (HIS/EMR) systems.

Intelligent Compliance and Quality Assurance:

POCcelerator delivers intelligent compliance reporting to meet regulatory guidelines by collecting and reviewing all patient results, quality controls (QC), operators, reagents, and device data in a clear, structured format.

It features 40 easily configurable validation checks to proactively focus on noncompliant data, helping to identify noncompliance conditions, view trends, and determine root causes for errors.

The system includes an External Quality Assessment (EQA) Module to proactively manage and summarize relevant data according to accreditation requirements.

Operator and Device Management:

The POCcelerator eTrainer Module provides an integrated e-learning program for all levels of operators, standardizing training, ensuring operator compliance, and incorporating into automatic recertification.

It offers enhanced operator management, including improved operator tracking and automatic recertification.

The POCcelerator Ci Module provides deeper analytics and actionable insights, with at-a-glance KPIs for Quality Control, Device Operators, Patient Results, and Device Performance.

Target Users and Use Cases

The software is primarily targeted at large healthcare systems and hospitals, serving departments such as:

Laboratory: Quality assurance and user management.

Medical Device Department: Monitoring, support, and control of devices.

IT Department: Stable and secure IT infrastructure.

Procurement: Cost-effectiveness and savings with a single middleware solution.

Nursing Department: Organizational management of point-of-care devices.

Use Cases: Centralized POCT data management, achieving and maintaining regulatory compliance, automating quality control and EQA processes, and enhancing operator competency and training.

Key Features

- Vendor-Neutral Open Connectivity (250+ devices, 70+ manufacturers)
- Intelligent Compliance Reporting (40 configurable checks)
- Integrated E-learning and Operator Management (eTrainer Module)
- EQA and Proficiency Testing Management
- POCcelerator Ci Module for Advanced Analytics and KPIs
- Centralized Monitoring and Control of POCT Devices
- Single Interface for LIS/HIS/EMR Integration
- Real-time Data Analysis and Trending Reports

Pricing

Model: enterprise

Pricing is not publicly disclosed. Contact Siemens Healthineers directly for a quote and implementation details, as it is an enterprise-level solution designed for large-scale hospital IT systems.

Target Company Size: enterprise

Integrations

LIS (Laboratory Information System), HIS (Hospital Information System), EMR (Electronic Medical Record)

Compliance & Certifications

HIPAA, FDA 21 CFR Part 11

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