Abbott

Abbott Point of Care

Provides rapid, lab-quality diagnostic results and a unified, vendor-neutral data management system (RALS) for all point-of-care testing devices.

https://www.globalpointofcare.abbott/

Overview

Abbott Point of Care is a comprehensive diagnostic solution that combines portable, rapid testing instruments with the **RALS™ Data Management System** (Remote Automated Laboratory System) to streamline point-of-care (POC) testing programs in healthcare settings. The division, founded in 1983, is a global leader in rapid POC solutions, with the RALS system used by over 2,000 hospitals in the US.

RALS Data Management System The RALS software is a single, vendor-neutral, web-based platform designed to manage all POC devices, regardless of manufacturer, eliminating the need for multiple vendor-specific data managers. It centralizes patient results, quality control (QC) data, and instrument management. Key capabilities include bi-directional connectivity to LIS/EHR/EMR systems, enabling near real-time transfer of test results to the patient's record.

Key Features & Benefits

Comprehensive Data Management: Collects and stores all patient, QC, and instrument data in a single system.
Compliance & Audit: Simplifies compliance with extensive reporting, audit logging, and the ability to review flagged results prior to upload.
Operator Management: Manages operator certifications and competencies using integrated tools like RALS eQuiz and interfaces with Learning Management Systems (LMS) such as HealthStream.
Rapid Diagnostics: The associated portable analyzers (e.g., i-STAT, ID NOW, Afinion) deliver lab-quality results in minutes, accelerating clinical decision-making and improving patient outcomes, such as reducing length of stay.
Remote Management: Allows for remote operator management, device configuration, and troubleshooting from nursing units.
Scalability: RALS software is designed to be scalable and robust for large health systems.

Target Users and Use Cases The system is primarily targeted at hospitals, health systems, urgent care clinics, and other decentralized care settings. Use cases span critical care (blood gas, electrolytes, cardiac markers), infectious disease rapid testing (COVID-19, Flu), chronic disease management (cardiometabolic, diabetes), and improving operational efficiency in POCT programs.

Key Features

- Vendor-Neutral POCT Data Management (RALS)

- Bi-directional LIS/EHR/EMR Connectivity (HL7 integration)

- Operator Certification & Competency Management (LMS support)

- Real-time Quality Control (QC) Management

- Manual Test Entry (MTE) for Non-Instrument Results

- Personalized Dashboards and Compliance Reporting

- Remote Instrument Configuration and Firmware Updates

Pricing

Model: enterprise

Pricing is customized and based on the Cost Per Test (CPT) Program, which includes consumables, calibration, and support, and is tied to the total volume commitment. Analyzers can be purchased outright or included in the CPT contract. Pricing is not publicly disclosed.

Target Company Size: medium, enterprise

Integrations

LIS, EHR, EMR, HealthStream (LMS), LDAP/Active Directory

Compliance & Certifications

ISO 13485:2016, CLIA Waived (for select products), FDA Cleared (for select products), HIPAA, GDPR