



Bio-Rad Unity

Industry-leading, desktop- or cloud-based QC software for clinical laboratories to optimize practices, streamline workflows, and ensure reliable patient results.

<https://www.bio-rad.com/>

Overview

Bio-Rad Unity is a comprehensive suite of Quality Control (QC) software solutions, including Unity Real Time and Unity Next Peer QC, designed specifically for clinical laboratories. The software is the industry leader, leveraging the world's largest QC peer group with over 38,000 peers and 59,000 instruments across 100+ countries. The core value proposition is to optimize QC laboratory practices, streamline workflows, and detect and correct problems before they impact patient results, thereby increasing confidence in test results.

Key Capabilities & Features:

Interlaboratory Peer Comparison: Enables participation in the Unity Interlaboratory Program, offering a powerful tool for evaluating analytical performance against the world's largest peer group.

Real-Time Data Management: Provides real-time reports on a system's reliability and offers statistical process control.

Compliance and Audit Trails: Facilitates compliance under regulations like CLIA and ISO 15189, and provides comprehensive audit trails for validation.

Connectivity & Auto-Verification: Supports seamless integration with Laboratory Information Systems (LIS), laboratory instruments, and middleware (e.g., Data Innovations' Instrument Manager) via UnityConnect, enabling bi-directional auto verification.

Advanced Analysis & Reporting: Offers advanced data analysis charts and reports, including dynamic reports (scorecards), cumulative monthly evaluation reports, and modified Youden charts.

Workflow Optimization: Features like Bench and Supervisor Review streamline the QC data review process.

Westgard Advisor: An optional add-on module that automatically recommends and implements optimal Westgard rules to reduce false rejections and unnecessary retesting.

The software is available as a robust desktop- or cloud-based interface, catering to labs of all sizes and levels of QC data management needs.

Key Features

- Interlaboratory Peer Comparison (Unity Interlaboratory Program)
- Real-Time QC Data Management and Statistical Process Control
- Bi-directional Auto Verification (via UnityConnect)
- Comprehensive Audit Trails and Compliance Documentation
- Advanced Data Analysis Charts (Levey-Jennings, Youden)
- Westgard Advisor for Optimal QC Rule Selection
- Bench and Supervisor QC Data Review Workflow
- Middleware and LIS System Integration

Pricing

Model: subscription

Annual subscription model for solutions like Unity Real Time. Pricing is not publicly disclosed and requires a quote from Bio-Rad.

Target Company Size: medium, enterprise

Integrations

Laboratory Information Systems (LIS), Middleware (e.g., Data Innovations Instrument Manager), Laboratory Instruments

Compliance & Certifications

CLIA, ISO 15189, RiLiBÄK (Germany), GOST (Russia)