



IAMQC

A comprehensive quality control (QC) software suite for clinical laboratories to automate, centralise, standardise, and analyse QC data in real-time.

<https://www.technopathclinicaldiagnostics.com/>

Overview

IAMQC is a suite of Quality Control (QC) software solutions developed by Technopath Clinical Diagnostics. It is designed to complement and support Technopath's Multichem QC product range, providing Laboratory Managers and Technologists with a full range of tools to analyze QC results in real-time. The software aims to automate, centralize, standardize, and improve QC processes, leading to significant cost and time savings while delivering higher confidence in analytical testing methods.

The IAMQC suite is modular and includes:

IAMQC Infinity: A powerful, cloud-based, next-generation solution for daily QC data management, built on a highly scalable SaaS architecture.

IAMQC Daily: Comprehensive Internal Quality Control software that applies Westgard and user-defined QC rules to individual results, automatically building interactive Levey-Jennings charts and tables.

IAMQC Expert: An interactive system that helps frontline laboratory staff select optimal QC rules, monitor method performance relative to clinical requirements, and reduce unnecessary repeats.

IAMQC Peer: Innovative, real-time, web-based peer comparison software that enables interlaboratory comparison of accuracy and precision, including automated Sigma Metrics calculation.

IAMQC Transfer: A connectivity device (virtual or physical) that facilitates bi-directional communication with Laboratory Information Systems (LIS), middleware, and automated instrumentation/Point of Care platforms (POCT).

Target users include Bench Technologists, Biomedical Scientists, and Lab Managers in clinical laboratories and multi-site healthcare networks. The system is designed to be practical, graphical, and user-friendly, featuring a 'Traffic Light System' dashboard to immediately highlight instruments and tests with issues, allowing for quick prioritization and resolution of problems.

Key Features

- Real-time QC Data Analysis and Reporting

- Automated and Centralized QC Data Management
- Westgard and Custom QC Rule Application
- Real-time Interlaboratory Peer Comparison (IAMQC Peer)
- Sigma Metrics and Total Error Analysis
- QC Rule Optimization (IAMQC Expert)
- Interactive Levey-Jennings and Youden Plots
- Audit Trails and User Access Management
- Bi-directional Instrument/LIS/Middleware Connectivity

Pricing

Model: enterprise

Pricing is not publicly disclosed and is available upon request via a quote or demo request. The software is typically licensed per PC/site or via an enterprise subscription model.

Target Company Size: medium, enterprise

Integrations

LIS (Laboratory Information System), Middleware, Automated Instrumentation, Point of Care Platforms (POCT), Microsoft Excel, Data Innovations Instrument Manager, Roche cobas Systems

Compliance & Certifications

ISO 13485, ISO 15189 (Facilitates), CE Mark (IVD 98/79/EC), US FDA 510K

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