

FEATURES

Integrate Data

Store all of your data in a single, robust, secure database. Internal testing data, external laboratory results, operational log sheets, and real-time SCADA data are all stored in a SQL database.

LIMS

The full-featured Laboratory Information Management System functionality is only a part of the total solution. The intuitive, spreadsheet-like user interface provides the convenience of calculated results, automated QA/QC (per NELAC), limit checking, historical trending, and hot-key access to Standard Operating Procedures (SOP's).

Corrective Action

The Incident Notification, Assessment, and Resolution Module (INARM) provides automatic email notifications of non-conformance incidents as well as a complete workflow process for executing, managing, and evaluating root cause analyses and corrective actions.

Scheduling

Create reminders for operator certifications, equipment calibrations, and other tasks using the integrated Scheduling feature in QMS. Recurring tests, such as daily log sheets, can be "memorized" and automatically generated each day. You can also schedule reports to be automatically generated for print, email, or export.

Audits and Accreditation

There are many features in QMS that ease the accreditation process. Integrated auditing and security settings replace complicated, written procedures and log books. Built-in QA/QC functions automate calibrations, matrix spikes, duplicates, and other measures.

Reporting

DatApproach™ is Bridge-Soft's web-based reporting and analysis tool, which is bundled with QMS. It provides powerful ad-hoc querying capabilities and extensive statistical and graphing functionality. DatApproach will work with any standard database platform, providing a complete reporting portal for your organization.

It's time to expect more.™

QMS is redefining expectations for software in the water, wastewater, and environmental laboratory industries. Its ease of use, powerful features, and enterprise architecture deliver benefits to any organization - small or large.

The screenshot shows the 'Data Entry' window with a table of test results and a line graph. The table lists parameters like Free Chlorine, Turbidity, pH, True Colour, and Aluminium. The graph shows pH values over time from 11/24/2004 to 2/28/2005.

Step	Parameter	Units	Reading	Value	LO-LO	Low	High	HI-HI	Category
1	Reticulation	field\ Free Chlorine, as Cl2	mg/L	1.2	0.10	0.20	1.00	1.20	Disinfectant Residuals
2	Reticulation	field\ Turbidity	NTU	0.7	3.5	5.0	5.0	5.0	Physical Properties
3	Reticulation	field\ pH	units	7.2	6.5	6.8	7.8	8.5	Physical Properties
4	Reticulation	field\ True Colour	Hazen	< 2	5	10	5	10	Physical Properties
5	Reticulation	field\ Aluminium, as Al	mg/L	0.02			0.10	0.15	Trace Inorganics

ENHANCED USER INTERFACE performs limit checking, calculates results, displays real time trends, and provides filtering tools

The screenshot shows the 'Incident Summary Panel' for a 'Quality Nonconformance' incident. It includes fields for Incident Type, Creation Date, Description, Tracking Number, and Applies To. It also shows a list of actions like 'Initiate', 'Assess', 'Confirm', 'Root Cause', and 'Corrective Action'.

CORRECTIVE ACTION MODULE automatically sends email alerts and facilitates root cause and corrective action workflows

WEB-BASED REPORTING provides powerful reporting and analysis features for all quality, operational, and SCADA information

The screenshot shows the 'DatApproach' web-based reporting tool. It displays a control chart for 'Site=Site 7; VariableName=pH'. The chart shows pH values over time with control limits (UCL, CL, LCL) and a center line. Below the chart are 'Control Chart Characteristics' and 'Descriptive Statistics'.

Control Chart Characteristics:	
Upper Control Limit (UCL):	5.76
Centerline:	5.76
Lower Control Limit (LCL):	5.76
RBar:	.00

Descriptive Statistics:			
Minimum:	.00	Skewness:	-1.60
Maximum:	8.00	Kurtosis:	4.27
Average:	6.48	Cp:	.00
Standard Deviation:	2.34	Cpk:	-.82