bika lims

bika (bi:ka Zulu) report, from clan to clan, bring news
of weddings, births, festivals and funerals. tell it as it is

Open Source Web based Laboratory Information Management

World leading Open Source LIMS: self installed, outside the box or tailored to your requirements. For Open Source Professionals and Visionary Clients.

Bika Customers say

BBK - Certified wine bottling co-operative. Worcester, South Africa
Quick, easy and hassle free. The Bika LIMS halved our paper work. The automated results publication, instrument interfaces and query functions are winners. Our analysts spend their time more productively in the lab and less on client queries. Highly efficient - Adel Stander, Lab Manager

Sri Lanka Medical Research Institute. Colombo, Sri Lanka
After the success and high levels of user enthusiasm and satisfaction we are in the process of introducing the system to all departments. The Pharmacology department is now run entirely through the system without any paper-based backups taking place. We are satisfied that the quality of the final product is acceptable for the purpose for which it is intended. - Dr. Anil Samaranayake, Director

Quantum Analytical Services. Malmesbury, South Africa
Chemical and microbiological analytical services in the agricultural industry to Sub-Saharan Africa.
In all my years of laboratory management I have rarely come across a similar situation where mutual trust and an honest desire to look after the interests of a client is placed before financial gain. - Patrick Griffiths, CEO

Centro de Investigación en Contaminación Ambiental, IAEA, Argentina
Pesticide residue and contaminant analysis in Central and Latin America by the IAEA's Food and Environmental Protection program.
I acknowledge the great work they have done on this product. Working under the Open Source philosophy, is very comfortable because it is a way to share and show work. I thank each of you for your knowledge, care and commitment. I congratulate you as a human and professional group - Marcos Cruz, IAEA fellow

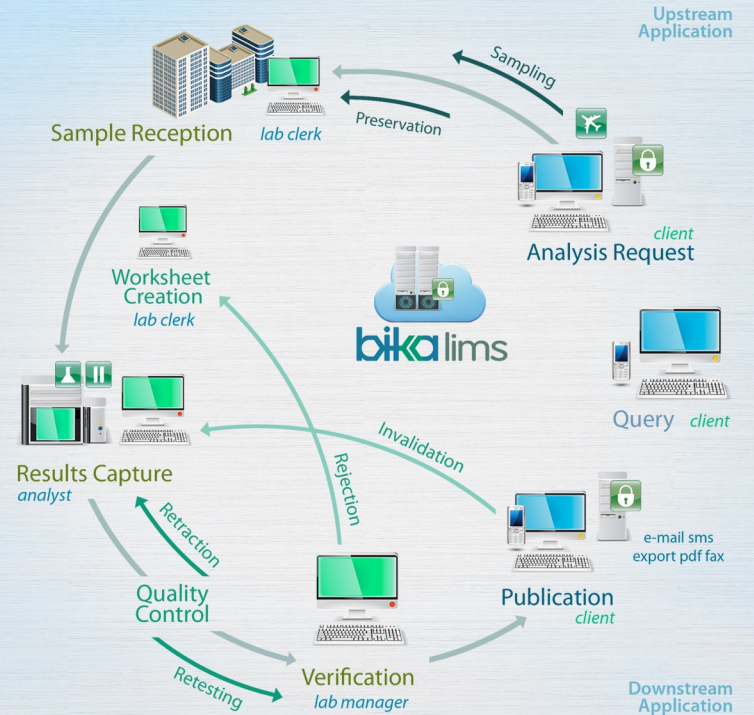**The City of uMhlathuze. KZN, South Africa**
Public water quality management laboratory.
Bika Water is an Open Source leader in this lab discipline - Neeran Maharaj, Lab Manager

South African Wine Laboratory Association
Inter-laboratory round-robin proficiency testing.
Your expertise and attitude continue to impress. I'm really happy to be on board with Bika - Altus Schreuder, Chairman

Tecnologías Informáticas Productivas, Guatamala
Sois LA BOMBA! (You are THE BOMB!) - Guillermo Arana, Manager Training and Technical Support

Upstream Application

Sampling

Sample Reception *lab clerk*

Preservation

Analysis Request *client*

Worksheet Creation *lab clerk*

bika lims

Query *client*

Results Capture *analyst*

Invalidation

Rejection

e-mail sms export pdf fax

Retraction

Publication *client*

Quality Control

Retesting

Verification *lab manager*

Downstream Application

Bika LIMS Benefits

Real-time analysis tracking
Shorten turn-around
Increase lab capacity

Eliminate human error
Improve accuracy and certainty
Data at your finger tips
Reduced administration and maintenance

Unsurpassed client satisfaction

Easy accreditation
Enhanced quality control
ISO 17025 ready

Low cost of ownership
Free public license
Unlimited users
No license fees

Customised to requirement

Easy installation
No desktop disruption
No on-site technicians required
Easy integration with downstream systems

Robust industry-standard Linux
State of the art security

Easy to use
Web based

Central Web portal management
Document version control
Easy browser based editing of training material, SOPs, promotions, news and events

Professional support
No vendor lock-in
Dynamic Open Source community

Bika Features

Workflow

Batching per project or case
Sample partitioning and storage
Analysis prioritisation
Analysis statuses: sampled, preserved, received, assigned, cancelled, to be verified, verified, invalid and published
Pending task alerts
Results invalidation and retesting workflow

Bika Roles

Client contact, lab clerk, sampler, preserver, analyst, verifier, publisher, lab manager, regulatory inspector and system administrator

User Interfaces

Web based, multilingual browser access
Android tablet user interface
Results by email, PDF, Fax, CSV and SMS
Powerful live search engine

Automation

Instrument interfaces
Barcode printing and scanning
ERP and accounts integration
Bulk analysis request imports
Templates for sampling rounds, analysis profiles and requests, worksheets and reference specifications
Preservation & container automation
Configurable calculations and worksheet adjustment factors

Total Quality Management

Method, analysis and instrument integrity
Reference standards and specifications
Instrument calibration certificates, maintenance
Product specifications
Out of range alerts
QC reports and graphs
Logs and audit trails

Finance & Management

Invoices • Exports
Supply Inventory and Orders
Price lists
Management and efficiency reports
Queries • PDF and spreadsheets

Technical Corner

Utilising the portal content management features inherited from the Plone framework Bika's built in, powerful document management and capacity building tools are available to support laboratories in building and sustaining expertise. It is a highly robust and secure platform - benefiting from the speed, reliability and power of Linux.

Professional LIMS services by Bika Lab Systems

Bika software is free and Open Source and can be used by unlimited users without licence fees.

Implementations

LIMS requirements analysis
Functional specification and design
Customisations & testing
Installation • On-site or cloud based

LIMS branding and configuration
Start-up assistance
Training and manuals • Video
Project management and administration

User and Technical Support

Bika sells prepaid 'buckets' of support hours that labs use as needed, ordering the next bucket as the current nears its bottom. We use mail-in on-line issue trackers and screen sharing to speed up issue resolution.

Bika Lab Systems

Bika Lab Systems develops and supports Bika LIMS on the Professional Open Source (POSS) business model, combining traditional OS projects supported by active community of enthusiasts with full-time software engineers and fee-paying clients. Developers, clients and communities are all self-motivated to behave in ways that benefit everyone involved.

Bika Lab Systems deliver innovative designs, reliable systems and industrial quality support for all laboratories.

With established market efficacy and a strong user and developer community, Bika's LIMS solutions will continue to grow and maintain its position as the world's leading Open Source LIMS.

Bika Lab Systems: **www.bikalabs.com**
Bika Open Source LIMS community: **www.bikalabs.org**

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