

SEPTEMBER 2022

QLIMS BUSINESS INTELLIGENCE

Learn about the features and approach which empowers your laboratory data.

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INTRODUCTION

Data is now one of the most important assets for any organisation and laboratory data is no exception.

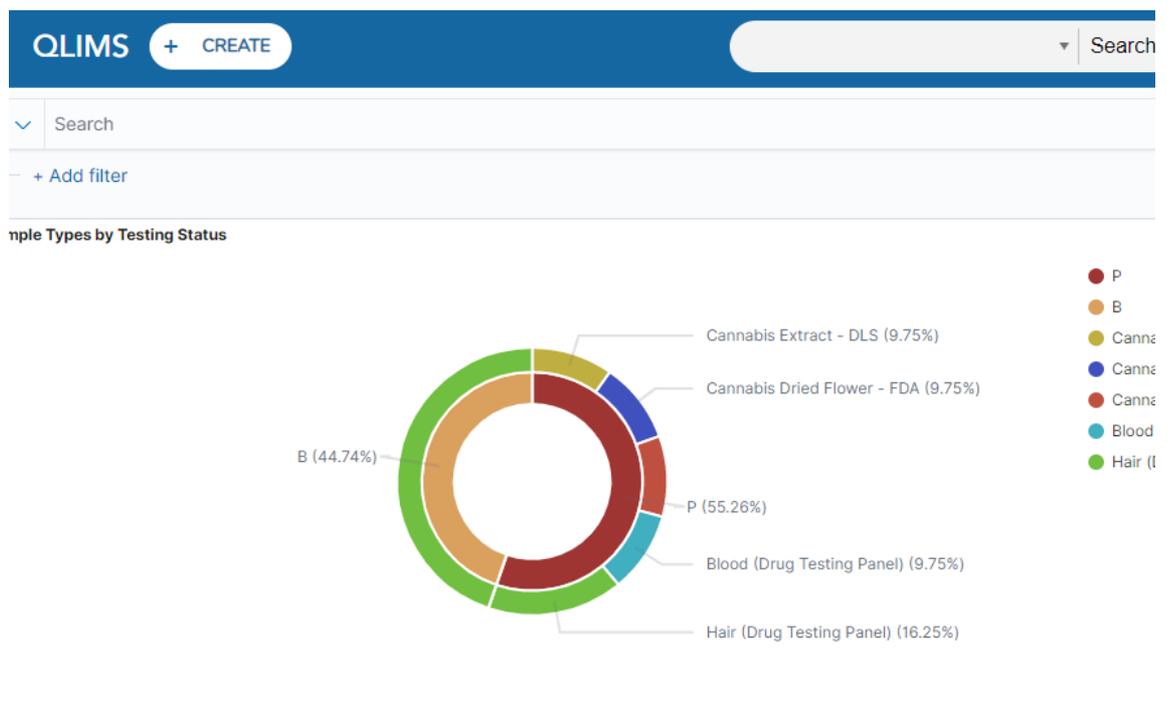
Until now it has been difficult to access due to the use of legacy applications and architectures underpinning many LIMS applications.

Business intelligence (BI) and artificial intelligence (AI) underpin the field of data science as data analysis tools are more accessible.

QLIMS traditionally manages all laboratory data to become the source of truth.

Tools like QLIMS BI help organisations to visualise this data and convert it into knowledge.

Knowledge that takes your organisation further!

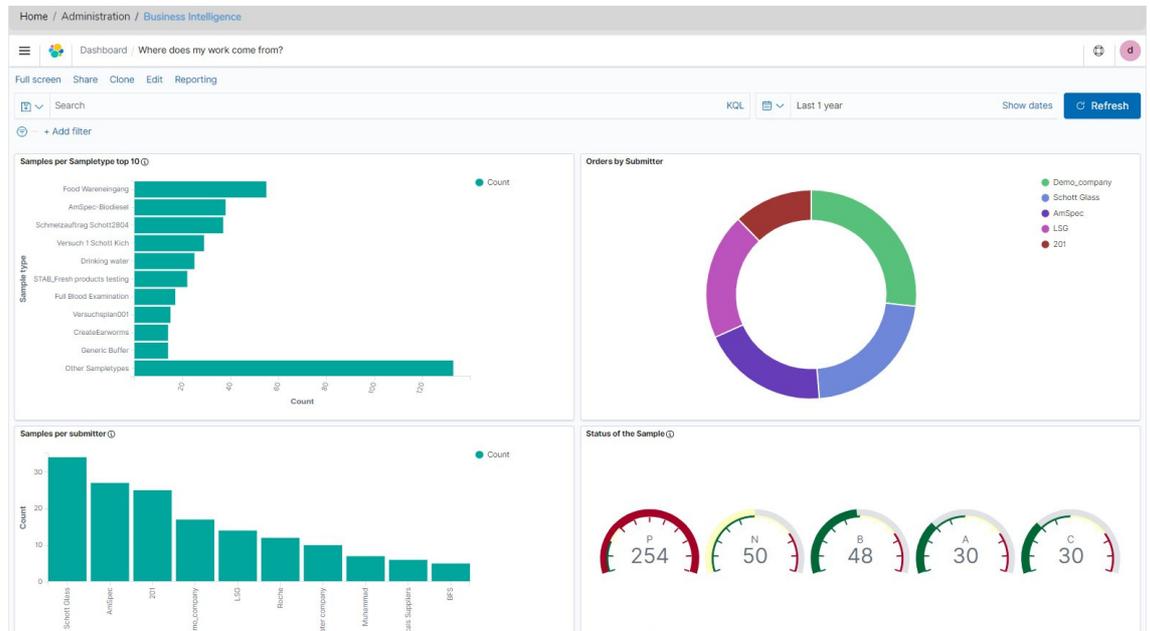


DASHBOARDS AND VISUALISATIONS

QLIMS provides BI dashboards and visualisations powered by Kibana.

Dashboards can be used to analyse live data and give direct insights into laboratory operations.

Enterprise customers can setup their own dashboards and visualisations. A short training will empower you to become more data driven.



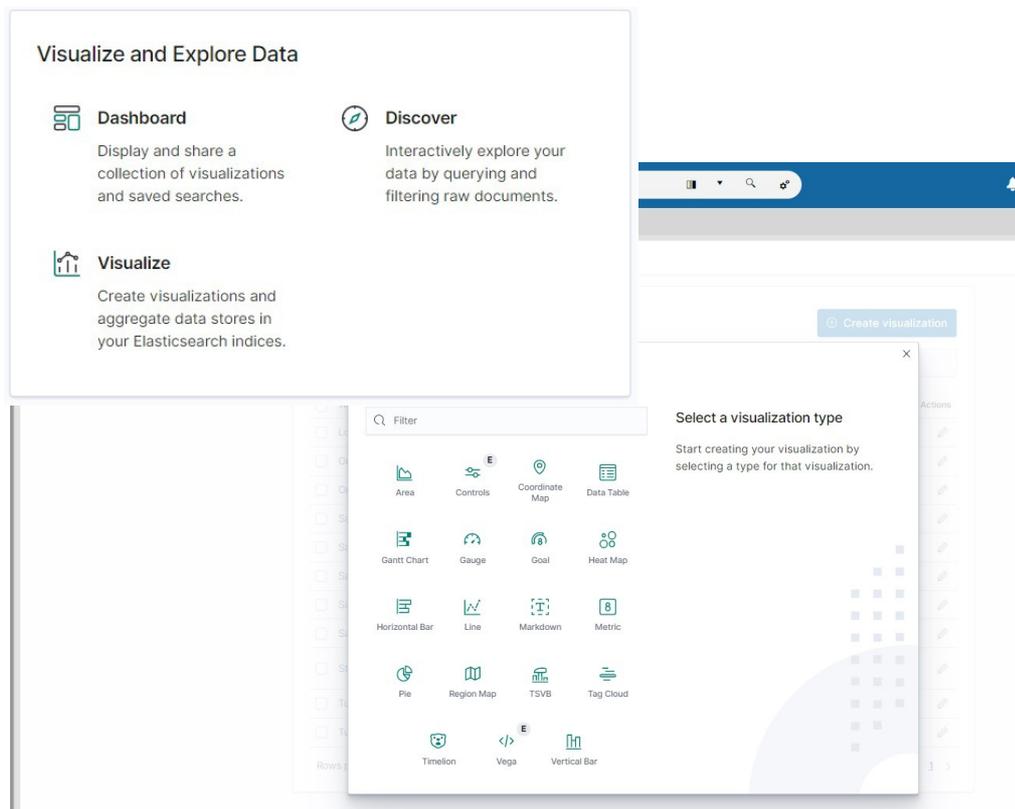
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KIBANA

Self service data analysis

Kibana powers the QLIMS BI suite enabling rich dashboards, visualisations and discovery tools. It will take your laboratory data to the next level in line with our core philosophy of empowering scientists. No need to include your IT department for extracting data in an understandable format, these in-built tools help you to become the owner of your knowledge.

Data analysis it the next step and QLIMS makes this easier for users with a non technical background.



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QLIMS SAAS

The QLIMS SaaS solution seamlessly brings together the dozens of services offered by Amazon Web Services in their world-class datacenters to offer a coherent LIMS solution to you.

Get the low latency of CloudFront CDN, the security of Cognito User Pools, and the scaling of ECS Fargate powering up your lab. Then let OnQ Software take care of implementing and administering them.

Some of the AWS technologies used by QLIMS include:

- AWS CloudFront - accelerated content distribution from more than 200 global edge locations.
- AWS ECS Fargate - scalable computing that requisitions more resources during times of heavy usage.
- AWS RDS for Microsoft SQL Server.
- AWS Elasticsearch Service - dedicated search engine for rapid navigation)

QLIMS

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DEVELOPMENT

QLIMS is under continuous development by full-time software engineers. We use the Agile methodology that prioritizes development tasks by what most affects our users such as high-value feature additions.

Work is done in two-week cycles called "sprints", which allows us to be responsive to changing customer needs and priorities. Before any code is deployed to clients, it undergoes extensive manual and automated testing for new functionality and regression a like.

MAINTENANCE & UPDATES

Unlike on-premise solutions, the QLIMS SaaS solution removes the need for you or your IT team to concern yourself with maintenance tasks and software updates. We will apply continuous updates in a rolling manner that will usually require no downtime. If planned downtime is required, we will arrange a window outside of business hours to perform the work. For enterprise customers your system is separated on an infrastructure level from any other client so planned upgrades and maintenance are entirely at your discretion.

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