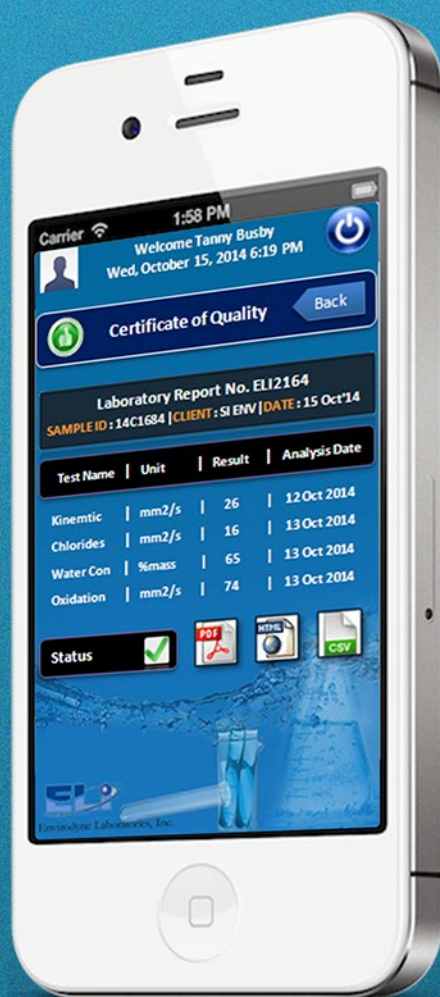


LABSOLS LIMS MOBILE

Lab Informatics on Mobile & Tablet



LAB INFORMATICS ON MOBILE AND TABLET

LABSOLS

www.microbiology-lims.co.uk

Introduction

Mobile applications are a new concept in the lab and they are becoming increasingly distinguished features of smart and successful labs. As handheld devices such as smart phones and tablets grow, they are finding very good uses in vertical markets. For a modern lab, this presents a great opportunity to enhance productivity and add flexibility to lab operations.

Labsols have mobile apps for smart phone which can be used by lab's customers and lab managers to see key test result of their samples. These mobile apps can seamlessly integrate with your existing system to bring sample result and analytics on your and customer's smart phone in real time.

Following important information will be provided on the mobile Apps.

- ❖ [Reporting & Analytics](#) for customers on move
- ❖ [Managing](#) samples and analysis
- ❖ [Sample tracking](#) & updates
- ❖ [Test Results](#) and certificates
- ❖ [SPC Analysis](#) for Quality Control
- ❖ [Document](#) and communication
- ❖ [Alerts & Notifications of sample](#) on and raises other interesting features

Also latest version of LIMS Mobile App will give excellent benefits to stakeholders, lab managers and customer of the company with more added important information on push notifications around samples, various alerts, improved KPI for lab performance, better search functionality and result display along with other important features like adding photos/videos, certificates, offline connectivity and many more.



Key Module of Reporting & Analytics on Mobile:

- **Mobile Reporting and Analytics Dashboard** – Mobile based user interface, making it accessible from any location. It also provide information at a glance and data can be extracted from heterogeneous data stores.

Benefit: Reporting and Analytics Dashboard help you visually ascertain the status and health of your laboratory.

- **Mobile Reporting & Analytics graphs and chart** – Built-in visual charting for control charts and trend charts powered by Quinn Curtis.

Benefit: With Report & Analytic control and trend chart you can analyse the graphs based on test result and you can identify in case the process is behaving unnaturally.

- **Mobile Reporting & Analytics Ad-hoc Query Tool**– Multi-dimensional reports powered by Quinn Curtis and Ad-hoc Query tool are useful for tailor made reports without using any high level query.

Benefit: This application makes easier to handle the problem of huge data in testing.

- **Mobile Advanced Reporting & Analytics** – Our Advanced Analytics powered by SPC provide quality analysis measure on test results.

Benefit: The SPC (Statistical Process Control) algorithm applied on test data gives a clear picture about the quality of the sample.

- **Mobile Reporting & Analytics Operational Intelligence** – Integrate the whole operation process, capture the real time data, eliminate maximum human effort.

Benefit: The system have the functionality to send optional notifications on mobile about status changes to the Lab, Coordination, Client, Agent and Consultant.



Reporting & Analytics on Mobile benefits:

- Customer & client can be well connected with the lab or the testing cycle on the move.
- Customer and lab manager can analyse reports from their Smartphone.
- Lab manager can get alert message in their mobile phone.
- Customer gets their test notification details in Smartphone.
- Customer can place order through mobile application.
- Lab manager can assign jobs for different tasks to respective people.
- Risk alerts and updates accessible from mobile.
- Mobile version of the solution utilizes the idle time.
- Mobile version of the solution reduces the action time.

Who Uses Labsols Reporting & Analytics on Mobile:

Labsols Reporting & Analytics Mobile application is designed for organization to expand the benefit to Test workers in the field, Lab Manager, Lab coordinators, Inspector and even client or the key decision makers.



Key deliverable from our Reporting & Analytics on Mobile



Mobile Alerts

- ❖ Update your customer instantly about any issues.
- ❖ Update your customer instantly about tested elements.
- ❖ Check for sample status at various stages.
- ❖ Configure alerts and notifications interval.

Advanced Dashboard

- ❖ Single point access to all major reports.
- ❖ Fully configurable dashboard property settings.
- ❖ Links to social networking sites.

Reports:

- ❖ Generate and display sample test report.
- ❖ Generate and display sample graphs.
- ❖ Show the trend analysis report.
- ❖ View Monthly sample statistics.
- ❖ Preview reports in different formats-pdf, html and csv.



Key deliverable from our Reporting & Analytics on Mobile



Sample tracking

- ◆ Track the progress and receive alerts in your Smartphone.
- ◆ Track each steps in the process and receive alerts in your Smartphone.
- ◆ Track samples according to the priority.
- ◆ Track samples at different stages of inspection.

Advanced Features

- ◆ Locate Sample location on Google maps.
- ◆ Configure various profile settings.
- ◆ Configure social networking links.

Instant Communication:

- ◆ Assign job to the employee according to tasks.
- ◆ Communicate instantly with the laboratory.
- ◆ In an urgency, registration entry or any other form can be submitted from the mobile.
- ◆ Send automated reports to customers in real time.





iLMS Mobile App- Features

Following are new features proposed for Envirodyne iLMS for Android & iOS.

Better Push Notification & Alerts

To Customer

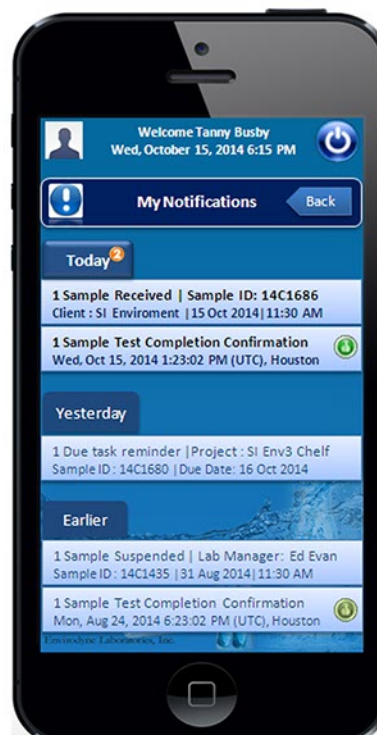
- ❖ Samples received Notification (Optional from settings)
- ❖ Sample Acknowledgement Notification (Optional from settings)
- ❖ Sample Test completion Notification (Mandatory)
- ❖ Critical Sample Notification (Mandatory)
- ❖ Turn Around time Notification (Optional from settings)

To Lab User

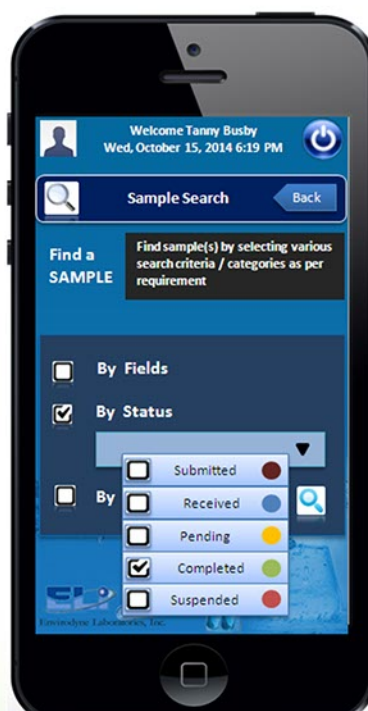
- ❖ Due Date Alert
- ❖ Customer Issue Log Notification

Third Party Alerts

- ❖ Sample Collection Notification



Key New Features - Other



Receive Sample – At docking Stations

Lab analyst can mark the samples as received through the tablet version which can be installed at a docking station.

Provision to enter results in tablets.

In highly secured labs where paper and pens are not allowed, user can enter the test results directly through the tablet. This will then be updated to LIMS system.

Provision for Customers to submit samples.

Customers can enter the sample details through mobile/tablet for the lab to receive.

Improvements

Improved KPI Module

Few new KPIs to be part of the mobile dashboard screen. This can bring critical information to client/lab users.

Improved Search Functionality & Result Display

Improved search functionality to search with more parameters and enhanced result display.



Architecture of mobile Labsols Reporting & Analytics:

Labsols Mobile-based Reporting & Analytics runs on Smartphone & Tablet and the data is stored within a database which is installed on the database server. Your browser simply displays formatted data that is located on the Smartphone.

Compatibility of Labsols Reporting & Analytics Mobile App:

Our Labsols Reporting & Analytics Mobile app is compatible with:

- ❖ Windows
- ❖ iPhone
- ❖ iPad
- ❖ Android and
- ❖ Blackberry

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