



FocalCXM
REMARKABLE EXPERIENCES



**Labpulse: End to end
solution for managing
laboratory experiments.**

Value Driven. Customer Obsessed. Industry Focused.

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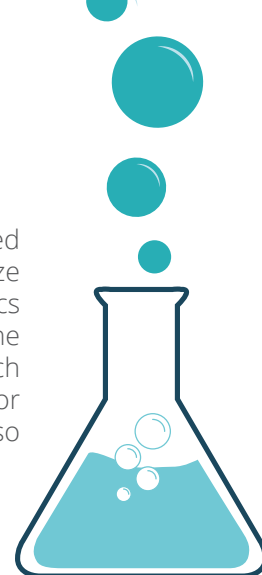


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Current Challenges in the Lab

Managing laboratory experiments seamlessly and efficiently isn't always easy. There are increased demands for more testing, higher standards for quality & data compliance, the need to minimize overhead and the emphasis on proper tracking and data management. Together these dynamics present an opportunity to develop a platform which can manage pre-clinical research effectively. The need to allow for proper planning, initiation and documentation of experiments can help research plan and organize data more effectively. The reproducibility of experiments is important for reinforcing hypotheses and data validation. Therefore, experimental retrieving and archiving are also critical characteristics of an effective pre-clinical research management tool.



Compliant Pre-Clinical Research

In the last decade we have seen a tremendous increase in compliance within the life sciences industry and this heightened scrutiny impacts pre-clinical studies and therefore pre-clinical research. LabPulse helps to make animal research simple by providing for the following:



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Features

Literature Review & Citation Management

Literature Review: Labpulse enables the user to do a literature search using an inbuilt Pubmed search option. This allows the user to save time and conduct a literature review option when needed.

Citation Management: A fair amount of time is wasted on managing and compiling citations when making a final submission. The LabPulse citation management feature allows researchers to effectively organize the citations, segregate them depending on the requirements and manage them effectively.

Results & Data Analysis

This feature helps users organize large sets of data while simultaneously helping researchers effectively analyze data and plot graphs. It includes a built in calculating tools which can calculate basic statistical values such as mean, standard error and standard deviations effectively.

Software as a Service



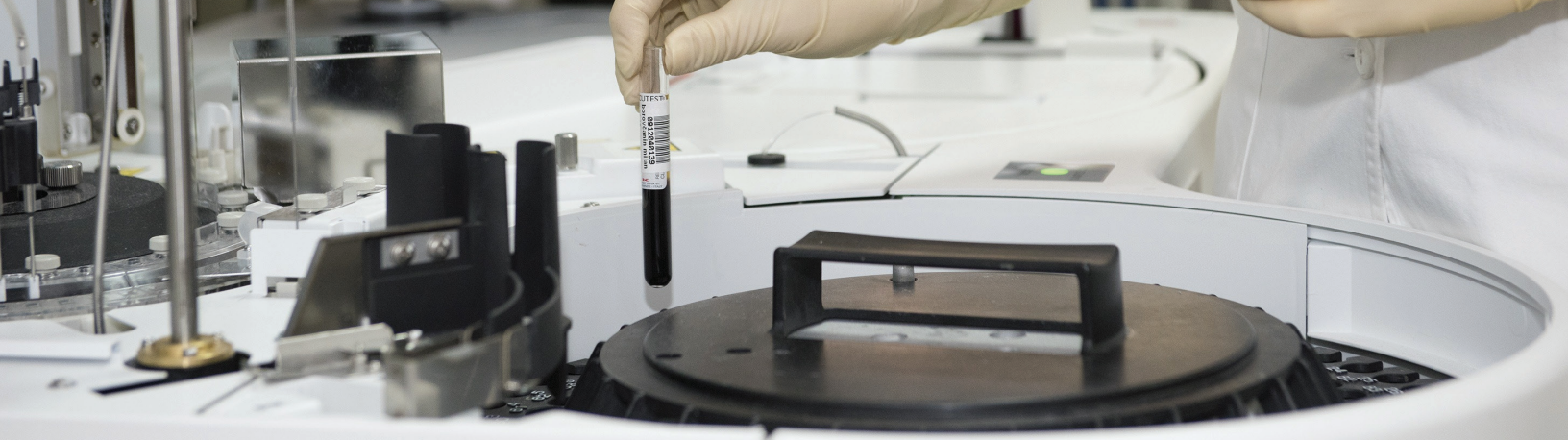
Data Analysis



Report
Generation



Inventory
Management



Report Generation

Labpulse offers the ability to comply with and automate compliance document flows to adhere with 21 CFR Part 11 requirements. This includes requirements for a closed system which enhances security enabling the ability to properly secure an application from unauthorized access and tampering. Reports are generated as an encrypted PDF document.

Version Management

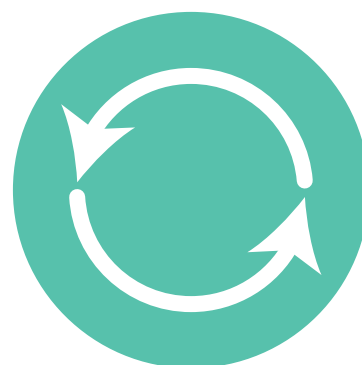
The ability to document changes to an application. This is ideally offered through document version management, and an Audit Trail to capture who changes what and why. Labpulse has version management enabled, which can help track every new version of a report, enabling users to roll forward or roll back to any other saved versions.

Electronic Signatures

The generation of electronic documents still requires the proper review and approval cycles to become a permanent record. Reports can be managed through the addition of an electronic signature block. The selection that a report needs approval prior to release and the addition of a signature block to a report ensures that reports are properly reviewed, approved or disapproved, prior to distribution. Labpulse has the electronic signature option enabled.

Live Chat

Its unique live chat enabled feature, helps to monitor the status of the experiments/projects at each and every step. This particularly helps researchers to collaborate remotely from different geographical locations, eliminating the need for conventional modes of communications and saving time.



Summary

There are significant opportunities for improvement in current pre-clinical research management systems that has triggered the adoption and evolution of integrated or next-generation systems—including the rigidity of systems, outdated technologies, changing regulatory and compliance guidelines, time constraints and overhead costs. Because current systems are not well integrated and many organizations are still using independent systems and applications like Excel for protocol management, animal ordering, census and billing, health management, colony or breeding management, there are significant gaps in effectively managing laboratory experiments.

Leveraging current and evolving technologies will help innovation grow and develop in animal management. Lab Pulse is a cloud computing-based application which introduces software as a service. The allows users to access the application on a third-party's server through the Internet, rather than having it installed on their computer. Using a third-party server eliminates all infrastructure maintenance for the client. This helps improve data analysis, report generation and inventory management.



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Contact us: contact@focalcxm.com to schedule a demo.