Cygnet Infotech

An Indian life science tech company streamlined its workflow operations with electronic Lab Management System

About Client

Business Requirement

Our Solution

Business Outcome

COUNTRY
India

INDUSTRY
Life Science

About Client

The client is an investor in emerging life science and tech companies, covering biotech, small molecule, biologics, digital health, software and green innovation.

Business Requirement

- A system to overcome the challenged of siloed processes, interactions, documentation, and inefficient operational processes
- Accurate and timely reporting of unstructured and structured data
- Structured data availability
- Visibility on project progress
- Tracking of KPIs and project performance
- Automate manual route approvals
- Traceability of experiment data and inventory stocks

Our Solution

- Developed electronic lab notebook (lab management system) which included route approval, creation of new experiments, audit trail, and reporting functions

- Digitalization of the current manual route approval process and integrate the routes with the electronic lab notebook

- Experiments creation linked with features like analysis creation request, new route addition, and approval mechanism

- Track changes with edit/review experiments

- ELN reports generation and analysis

- Small molecule chemistry, analytical, and ADME assays

- New projects to get a quote, project kick-off questionnaire, e-invoicing, contracts, and CDA's

- Integrated proprietary ELN, chat feature, analytical data archiving, organized series reports

- Quick access to inventory, integrated 3rd party inventory API, setting-up of automatic approval limits, budget, and report generation

Business Outcome

Structured data collection of routes and experiments

Quick quote (ADME, Chemistry) access to potential collaborator

Streamlined maintenance of cloud data

Real time project tracking of route steps, compound delivery updates, and scientist progress

Link with multiple module analysis, routes, chemical management

Stock visibility of chemicals (in-store, external suppliers linked with this system)

Maintained security and audit trail of experiments

Single source of data i.e., invoices

Process steps can be repeated to easily view and gain all the required information

Collaborative team access, feedback sharing, analysis reports

Cygnet Infotech

Established in 2000, Cygnet Infotech works with clients across 35 countries and has a strong team of over 1000 employees. Cygnet Infotech's offerings range from IT Services, Technology Products, and Tax Technology solutions. Aligned with its vision of providing technology enabled business solutions, Cygnet Infotech delivers end-to-end solutions for clients' most pressing business needs.

Cygnet Infotech's Technology Services enables clients to accelerate growth and optimize business operations through, Product Engineering, Bespoke Solutions, IT Modernization, Automation, Implementation Services, Risk Mitigation Services, Information Security & Compliance Services, and IT Staff Augmentation.

Cygnet DIGITAL ENGINEERING SERVICES

Cygnet DES is a partner to clients in the competitive market space and deploys a consultative and customer-centric approach. Its solutions range from standalone bespoke development and managed services to building connected ecosystems across the enterprise and developing smart systems by leveraging emerging technologies like AI, Blockchain, and Hyperautomation.

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