

CASE STUDY

Digitalizing R&D Operations at Alembic Research Centre, Vadodara

Alembic Research Centre x Fiscal Ox

Client Overview

Alembic Research Centre, Vadodara, is part of Alembic Pharmaceuticals' established R&D network. Alembic identifies Vadodara as a key R&D location, with capabilities spanning formulation and API research and a Bio Centre in Vadodara. The centre supports complex pharmaceutical research where structured management of synthesis, analytical development and stability-study workflows is critical.

The Challenge

Synthesis, ADL and stability-study workflows were heavily dependent on paper records and manual coordination. Researchers needed a faster way to manage experiments, retrieve previous research, raise inventory requests and follow defined R&D processes while maintaining regulatory control.

R&D Project Management Software

Fiscal Ox digitalized the R&D workflow through a structured system supporting 21 CFR Part 11 compliance and password-authenticated access. With Chemicules - R&D tool, integrated into the research workflow, scientists can draw chemical structures directly within electronic lab notebooks, while inventory requests and material requirements can be managed from the system.

Predefined workflows helped Alembic define and standardize its R&D processes. Historical research can now be searched and referred to within seconds, reducing dependency on physical records and individual knowledge.

Measurable Impact

Key Area	Impact
Turnaround time	Improved by approximately 40%
R&D workflows	Predefined, structured and digital
Research retrieval	Past research accessible within seconds
Lab notebooks	Chemical structures created directly in the system
Inventory	Requests and requirements managed digitally
New scientist onboarding	Trained and ready in less than one week

Faster Onboarding. Better Process Control.

With standardized workflows built into the system, new scientists can be trained on defined R&D processes and become operational in less than a week. The digital workflow improves consistency across teams and makes research information easier to access, review and continue.

The Outcome

Approximately 40% faster turnaround time | Research accessible within seconds | Defined R&D workflows | Faster scientist onboarding

Fiscal Ox helped Alembic move from paper-dependent R&D activities to a structured digital workflow with better process visibility, faster information access and stronger control over research activities.

Now they spend less time signing documents and more time performing experiments.

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