



Life Sciences – Phase 1 Clinical Studies

Pfizer

Levels implemented :




L2 – Tactical | L3 – Operational

Services used :

Process Consultancy | Technical Consultancy |
Custom Development | Training and Support | IT
and Hosting

Products used :

APS | TRP | TEA | DWH | ARA | API | CDA |
ADM | LDP

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They lead in

Pfizer is a leading business in the Life Sciences Industry. Pfizer conducts clinical trials and boasts two Clinical Research Unit sites. The first is located in New Haven in the United States, and the second is located in Anderlecht, Belgium.

Situation

Both Clinical Research Unit sites use Excel to schedule Phase 1 clinical trials. The plans are very complex and need to respect very thorough execution protocols. Excel becomes too heavy to allow the planners to make the most of the costly and rare resources to conduct the studies, be they internal or external (like CROs).

Task

Pfizer Clinical Research Unit (or PCRU) wanted to benefit from a solution that automatically generated an optimal plan for both sites. They sought to decrease planning time while making better use of their available capacity, in order to reduce the time-to-market for new drugs and vaccines. Thanks to this new planning system, Pfizer aims to generate reports and statistics more easily. In a second phase, they would also need to replace their operational planning system to benefit from a fully integrated tactical and operational planning system.

Product: **APS** | **TRP** | **TEA** | **DWH** | **ARA** | **API** | **CDA** | **ADM** | **LDP**

Action

Phase 1

In a first phase, PCRU has implemented PlanningForce Tactical on both sites, and at the head of Pfizer's Clinical Research Unit. The head of Pfizer's Clinical Research Unit will therefore obtain full visibility to monitor the resource usage taking place on both sites and will be able to test how to further optimize it. All stakeholders, such as recruitment, pharmacy, laboratories, and PMs have access to the plan. PlanningForce also proposes to create a wizard that will help carry out these tasks at a faster pace and with greater ease.

Phase 2

In a second phase, we propose to develop specific features to match operational requirements and integrate them into the existing LIMS and task execution system.

Services: [Proces Consultancy](#) | [Technical Consultancy](#) | [Custom Development](#) | [Training and Support](#) | [IT and Hosting](#)

Result

- ✓ The solution is effectively implemented
- ✓ Solution is a “game changer”
- ✓ Advanced reporting is automatically generated “on the fly”
- ✓ Stakeholders receive are connected to “one source of the truth”
- ✓ Planning complexity has been reduced, because “the complexity remains inside”

Levels: [L2](#) – [L3](#)