



More Analytical Capabilities and More Horsepower with D360 Express

Arvinas integrates D360 Express with McNeil's ACAS for SAR analysis and time savings

Background

Founded in 2013, Arvinas is a pharmaceutical company focused on developing novel therapeutics to treat cancer, pro-inflammatory, autoimmune, and rare diseases. They are developing a new class of drugs that engage the body's own natural protein disposal system to degrade targeted disease-causing proteins directly rather than blocking them like traditional small molecule inhibitors. Arvinas was using John McNeil & Co's Assay Capture and Analysis System (ACAS) with a legacy drug discovery informatics reporting system that they felt was not meeting their growing informatics needs.

Growing Informatics Needs

Arvinas' team of discovery scientists wanted to conduct sophisticated analyses that required a more thorough treatment of data as well as more horsepower in their informatics solution. They wanted to view and manipulate data into tables that were meaningful and conduct structure activity relationship analysis in the data itself without having to go outside of the informatics solution. There were also scientists at Arvinas who preferred a form view which was not possible in their legacy informatics reporting system. One scientist was regularly spending several hours each week maintaining his own database for a form view.

Arvinas decided to evaluate other informatics solutions and contacted Certara after one of their scientists shared his positive experience with D360 at a previous company. So Certara came and gave an onsite demonstration and needs assessment. After seeing its capabilities, the Arvinas team knew that it would meet their current and ongoing needs, and D360 was affordable and fit their budget. They selected to move forward with D360 Express, which was designed specifically for smaller, agile biopharmaceutical companies that want to get up and running quickly.

D360 Express Cloud Deployment with New ACAS Connector

To implement D360 Express at Arvinas, Certara's Phoenix Technology Services created a new connector to integrate McNeil & Co's ACAS seamlessly with D360 Express. Like most non-enterprise and agile biopharmaceutical companies, Arvinas does not have a large IT team and did not desire heavy IT infrastructure. To meet the ever growing demand of simplifying deployment and maintenance of solutions, D360 Express was implemented and hosted in the cloud along with ACAS, which was already hosted in the cloud.

Challenge

Arvinas' growing informatics needs were not being met by their legacy informatics reporting system. They wanted to easily view and manipulate data into tables, conduct SAR analysis, and have options for form and spreadsheet views, all within their informatics platform.

Solution

Phoenix Technology Services integrated D360 Express with McNeil & Co's ACAS by creating a new connector and hosting the deployment in the cloud. They worked closely with Arvinas to ensure that the data views and setup met their needs.

While there were many moving parts to the integration and implementation, communication and collaboration between the Arvinas and Phoenix Technology Services teams went smoothly. It took several weeks to get the scientists testing the newly integrated cloud-hosted solution, and the Arvinas team and Phoenix Technology Services group worked closely together to fine-tune the implementation. Arvinas was impressed by the responsiveness of Phoenix Technology Services and felt that they went above and beyond to ensure that the data views and structure of the data setup met their expectations. There was a full day of onsite training at Arvinas as well as office hours and follow-up sessions to assist them with the adoption and use of D360 Express to meet their specific workflow needs.

Easier Data Analysis and Time Savings

While it has been just several months since the implementation of D360 Express, Arvinas has already experienced immediate benefits in their day-to-day work. The ease of use has been significantly improved, and at least one scientist has been able to save three to four hours a week since he no longer has to maintain his own database for a form view. The ability for scientists to easily pivot and choose how to display their data based on biologically relevant conditions for an assay has been very valuable. Although it seems like a basic feature, Arvinas found that many others did not offer it.

Additionally, the ability to export live structures into Excel has been incredibly useful for patent writing. The team spends significantly less time wrestling with how to export and manipulate data into something meaningful. They now have more time to focus on scientific insights. As Arvinas grows, it is looking forward to expanding its D360 Express implementation to include more data sources and exploring D360 Partner, which provides secure data access and D360 capabilities to third-party partner organizations.

Benefit

Scientists at Arvinas now have more time to focus on scientific insights. They can easily pivot and choose how to display their data based on biologically relevant conditions for an assay. Furthermore, they can export live structures into Excel.

About Certara

Certara is a leading provider of decision support technology and consulting services for optimizing drug development and improving health outcomes. Certara's solutions, which span the drug development and patient care lifecycle, help increase the probability of regulatory and commercial success by using the most scientifically advanced modeling and simulation technologies and regulatory strategies. Its clients include hundreds of global biopharmaceutical companies, leading academic institutions and key regulatory agencies.

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