

K KerusCloud®

Get ahead of the curve when planning a clinical study and discover KerusCloud the ground-breaking new software that optimizes study protocols for success.



Realize the benefits of optimizing study design and analysis approaches *in silico* with the uniquely powerful **KerusCloud**; the only **statistical software** that evaluates **multiple aspects of clinical trial design simultaneously** so studies can achieve **statistically and clinically meaningful outcomes**.

Ensuring a scientifically rigorous approach, **KerusCloud** can also assess key operational characteristics of studies such as target population and study duration. This allows **KerusCloud** to streamline the process of delivering precision medicines.

Building on Exploristics' transformative **KerusCloud** platform, **KerusCloud** offers next generation cloud-based study simulation to revolutionize clinical protocol planning. Leveraging the scalability of cloud computing, **KerusCloud** handles the diverse and complex data now collected in clinical research. Investing time early on in protocol development using **KerusCloud** enables incisive data-driven decision-making for more cost-effective and successful studies.

Secure and user-friendly, **KerusCloud** is accessed easily via a web-browser either through a **licence** or as a **service**. The platform collates varied data types to inform realistic simulated study scenarios. These are then explored to assess the impact of multiple study variables, designs and analysis strategies ***in silico*, in minutes**. With results visualised via interactive graphics, only the best study options are chosen to drive development success in real-time, **first time**.

With the KerusCloud platform you can:

- + Integrate multiple data sources, including publications, clinical trial data, real-world data and expert opinion, to build a realistic data model of the target study population.
- + Use the model to generate a large synthetic dataset for a realistic virtual population that comprises key patient level risk factors, outcomes and subgroups.
- + Evaluate design, analysis and decision options through Monte Carlo simulations by sampling from the virtual population, running the analyses and applying decision criteria.
- + Repeat simulations for each design, analysis and decision scenario to calculate a probability of success.
- + Visualise results to identify the strategy most likely to be successful.
- + Refine the model as new data becomes available and re-evaluate the impact on plans.

In this way, KerusCloud provides unique, flexible, data-driven insights so you can:

- ✓ Improve success rates with optimized study design and analysis options to de-risk and accelerate development.
- ✓ Identify the best study endpoints, study participant number and target populations to increase success, saving time and costs.
- ✓ Develop robust evidence packages to support investment or regulatory engagement, increasing the value of development pipelines.

So, what's new with KerusCloud?

Features & Benefits

The powerful new KerusCloud offers:



NEW DESIGN FEATURE

Increased processing power

with up to 96 parallel cores for a single simulation

Benefit An intelligent process management system which boosts processing power as needed, so even the most complex simulations can be run in minutes and the results reviewed in real time.

NEW DESIGN FEATURE

An enriched functionality

for the definition of sub-populations
with different data characteristics

Benefit Generate even more realistic virtual patient populations, facilitating the evaluation and implementation of novel designs, including precision medicine studies.

NEW DESIGN FEATURE

Ability to share projects across organizations

Benefit Collaboration is improved across project team members, enabling them to review and provide feedback throughout the design process, leveraging multidisciplinary knowledge and providing regular updates for increased transparency on progress.

NEW DESIGN FEATURE

An enhanced user-experience

with simpler flows and an easy to follow modern interface

Benefit Users can easily navigate the intuitive point and click system to rapidly build, evaluate and manage large numbers of study scenarios in minutes.

NEW DESIGN FEATURE

Improved interactive graphics

Benefit Results can be simply visualised and explored more extensively, facilitating the identification, extraction and interpretation of important results and features in the data. Key insights can be shared more easily within the project team using an array of graphical displays.

NEW SECURITY FEATURE

Best in class security

Benefit Unparalleled cloud security measures and multi-factor authentication for complete control over access rights.

As a highly adaptable platform, **KerusCloud** can be used to meet your individual statistics needs. Its unique functionality can either **augment the capabilities of other statistical software** or be used as a **standalone product**.

With its array of powerful new features, **KerusCloud** delivers uniquely complete, concise, cloud-based clinical trial optimization.

Why design any study without it?