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:

1. 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.
2. Use the model to generate a large synthetic dataset for a realistic virtual population that comprises key patient level risk factors, outcomes and subgroups.
3. Evaluate design, analysis and decision options through Monte Carlo simulations by sampling from the virtual population, running the analyses and applying decision criteria.
4. Repeat simulations for each design, analysis and decision scenario to calculate a probability of success.
5. Visualise results to identify the strategy most likely to be successful.
6. 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 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?