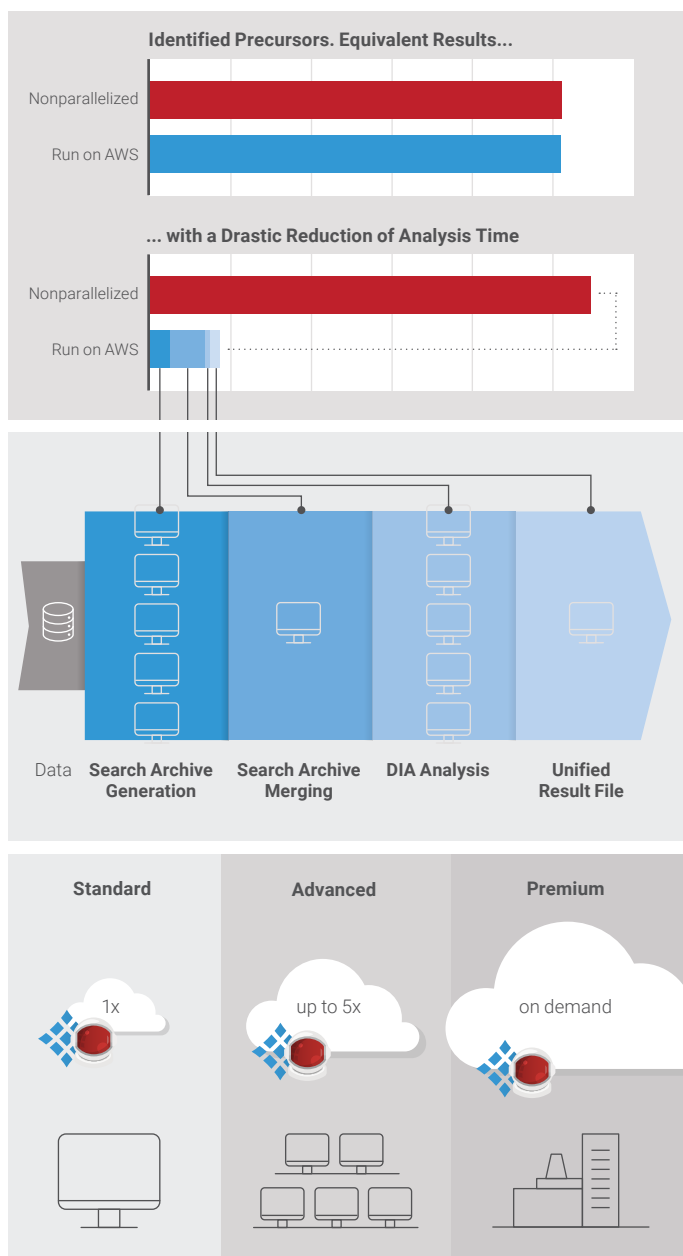


SCALE YOUR DIA WORKFLOWS WITH SPECTRONAUT IN THE CLOUD

Focus on what matters: spend more time interpreting results, and less time waiting.

Although modern instruments create more data than ever, it also takes longer to get actionable results due to the bottleneck effect of processing these large datasets in traditional computing environments. In response, Spectronaut has been adapted and optimized to unlock the power of proteomics with highly parallelized instances running in the cloud or high-performance computing environments (HPC) to get biological insights faster.



Scalable Parallel Processing for Big Data

Spectronaut is compatible with Linux and Windows cloud environments. By parallelizing the CPU-intensive parts of the directDIA pipeline, Spectronaut run time can be significantly reduced while retaining comparable performance. Additional runs would require minimal computational time, thanks to autoscaling for computational instances. Coupled with the scaling of merging steps, processing large datasets results in even more significant time savings. Unlock faster, more efficient data analysis with Spectronaut in the cloud or in a powerful local computing environment!

Leading Solution for Cloud-Ready DIA

Spectronaut is cloud-ready, allowing you to perform the best implementation for your organization. Spectronaut can be installed on local workstations or in cloud environments (Windows or Linux OS), providing the versatility to meet your specific needs. By leveraging your cloud infrastructure, Spectronaut enables high-throughput, parallelized search space generation and DIA analysis, significantly accelerating research workflows. Additionally, the same software installer and activation keys are used for local and cloud installations, ensuring a seamless transition and consistent user experience.

Flexible Multi-Seat Licensing

Flexible licensing options are available for local, cloud, or server deployment. The Standard license is ideal for small groups, allowing one software instance on Windows or Linux OS. The Advanced license includes five independent seats, making it perfect for local or cloud installations with options for parallelized analysis (up to 5). These licenses can be distributed as needed on local PC's or cloud environments. The Premium license offers flexible seat numbers, catering to large-scale, parallelized cloud or local compute infrastructure analysis.

Contact us at [Biognosys.com/contact](https://biognosys.com/contact).