



LIFE SCIENCES

HPC assessment, buildout, and disaster recovery solution

The challenge

A European multinational pharmaceutical company had performance issues due to limited resources in its data center, needed to plan for an expiring contract with HP and future-proof to meet the business demands of rapid clinical trials going forward.

The approach

We utilized IBM's scheduler application with SAS Grid application pack to plan and process their complex data and automate workloads wherever possible. We established a comprehensive reference architecture to serve as a guide for the addition of structures and the integration of products and services.

Resources can now be allocated automatically on demand. Parallel grid processing distributes computing to multiple processors to share the load of work and accelerate efficiency. This high-performance computing supports multi-location, multi-region, and multi-AZ disaster recovery configurations.

Saving OpEx and reducing technical debt

Faster and more accurate analysis of clinical trials saves lives and reduces costs for pharmaceutical companies. Cognizant brought the talent and experience to accomplish this task and AWS provided the robust, secure platform. This life sciences company is now free from IT contractual terms and, from now on, will only pay for what they use.

4.5 times faster execution of jobs

30% less spend through parallel processing

Reduced operating expenses and technical debt

About the Partnership

Cognizant (Nasdaq-100: CTSI) is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. We engineer modern businesses to improve everyday life. Our unique industry-based, consultative approach helps clients transform technology, re-imagine processes, and transform experiences ensuring businesses remain agile, relevant and ready to run more innovative and efficient enterprises.

With AWS as our partner, we focus on the outcomes that matter most to businesses and underpin our solutions with deep industry experience and market-leading IP. Cognizant has more than 12,000 trained AWS practitioners, more than 6000 AWS certified professionals, dedicated AWS certified consultants in 43 countries, hundreds of customer launches, and successes, and more than 70 transformational blueprints to drive innovation beyond cloud migration.

As a premier consulting partner, Cognizant hold numerous AWS competencies, including AWS Mainframe Migration, AWS SAP, AWS Migration, AWS Financial Services, AWS HPC, AWS Healthcare, AWS Life Sciences, AWS ML and MLOps, AWS Security and AWS Travel and Hospitality. Partner programs include AWS Well Architected, AWS Managed Service Provider, AWS Marketplace Seller, AWS Solution Provider Program, and AWS Public Sector Solution Provider.



Cognizant (Nasdaq-100: CTSI) engineers modern businesses. We help our clients modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. Together, we're improving everyday life. See how at www.cognizant.com or [@cognizant](https://twitter.com/cognizant).

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