How Johnson & Johnson Leveraged RCH's Advisory and Managed Services to Embrace the Cloud in its Pharma R&D Space

Johnson&Johnson

About J&J:

Johnson & Johnson (J&J) is an American multinational medical devices, pharmaceutical and consumer packaged goods manufacturing company founded in 1886.

This case study outlines how RCH Solutions helped J&J extend its enterprise Cloud strategy to meet the unique needs of its pharmaceutical R&D business, Janssen.

Challenge

Embracing the AWS Cloud Post-Deployment

Support for scientific computing environments has extended to the Cloud. These applications, workflows, and processes require an experienced skill set with the ability to adapt to the unique environment of scientific computing, wherever it may reside.

As it's well-documented, J&J has embraced the Cloud using Amazon Web Services (AWS) to support its hybrid Cloud strategy. This includes Research and Discovery, and Clinical Operations business units. However, there are many challenges beyond the deployment phase, particularly as it applies to the specialized needs of those operating under J&J's pharmaceutical arm, Janssen, including:

- How to accommodate the unique needs of the R&D businesses
- A plan for transitioning applications, data, and storage to the new environment
- Expertise to help manage and sustain availability, prioritizing security and avoiding the use of the Cloud as just another hosting platform
- A revised model that is consistent with the new IT strategy, which may include a hybrid model to accommodate the ever-evolving demands of the businesses
- Buy-in and acceptance by the businesses

With respect to these challenges, Janssen needed help to append the support model for their global research teams. They had a need for a support partner that understood their environment, had specific experience supporting research computing initiatives, and could serve as a liaison between the research groups and IT.

Expanding their Relationship with an Existing Trusted Advisor

As part of the multi-partner IT support model, Janssen chose to utilize a proven partner in RCH Solutions, which had been providing Managed Services to the company for more than 10 years. As a partner with an experienced, agile and forward-thinking scientific computing team, RCH proposed:

- Dedicating a team of scientific computing experts across key research sites

- Coordinating efforts between IT and end-user scientists

- Recommending and applying industry best practices

- Consolidating communications and support services through a single point of accountability

- A combination of AWD Cloud capabilities to the business focusing on the impact to science and compute solution approaches

Working directly with Janssen's IT staff and research scientists, RCH was thenable to design and implement a Managed Services program to support scientific and high-performance computing (HPC) systems and applications for Janssen's globally dispersed teams, in the Cloud.

Results

A Blueprint for Transformative Discovery

Janssen was in the midst of a transformative time via the migration of computing from on-premise to the AWS Cloud. RCH has been a key partner in the successful migration of key R&D and Clinical applications (including validated applications).

At the same time, we continue to deliver reliable and responsive applications andscientific compute services. In reaching for the AWS Cloud, Janssen gained the benefits of elasticity, scale, IaaS, PaaS, SaaS, collectively offering compute agility and flexibility without mandating impossible amounts of CAPEX.

Today, RCH provides Janssen with on-going services supporting AWS Cloud engineering and application migrations while delivering scientific computing and applications support services tuned for legacy and new needs.

About RCH Solutions

RCH Solutions (RCH) is a global provider of computational science expertise, helping Life Sciences and Healthcare companies of all sizes clear the path to discovery for more than 30 years. Learn more at www.rchsolutions.com.

Not yet working with us?

Contact the RCH team to learn how we can support your advanced scientific computing and IT needs.
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