



Case Study ON

Agro Chemical Enterprise

About

The client is one of the leading manufacturers of industrial and agricultural chemicals, crop nutrients, and fertilizers. They are supporting critical sectors of our economy like Pharmaceutical, Agriculture, Mining and Infrastructure since decades.

This fertilizer manufacturing giant has adopted some of the global state-of-the-art technologies that enable them to manufacture and supply high quality products to meet global standards and to stay ahead of its competitors.

The Challenges

- Being a large manufacturing enterprise, client has heavily invested into SAP as its primary ERP covering all their multi-locale manufacturing units, points of sales and their corporate office. While the primary establishment of their SAP workloads was colocated with third party DC, their DR was majorly inhouse.
- With their ever growing SAP landscape it was becoming a manageability nightmare & scalability limitation.
- Their cost of acquisition for DR and maintaining a seamless service redundancy was becoming a serious challenge.
- After an extended deliberation, the think tank at our client's end, decided to evaluate moving the SAP DR to cloud, with vertical and horizontal, scale on demand.
- This project involved extensive industry research by the client for credible cloud providers both at national and international levels.
- The evaluation criteria was well laid off and uncompromising, which every cloud provider was being evaluated through.
- While the client chose to opt for DR on cloud, the challenge was to ensure minimal service disruption and data loss during the initial replication and in case of a disaster. Minimalizing RTO & RPO, was another challenge.

Summary :



With the growing SAP landscape, manageability & scalability became a nightmare.



Their cost of acquisition for DR (Disaster Recovery) and maintaining a seamless service redundancy was a challenge.



With DR on the cloud, the challenge was to ensure minimal service disruption and data loss.

RTO & RPO

Minimalizing RTO & RPO was another challenge.

How Pi Led The Way

- At the onset, Pi Cloud scored over others, because of it being SAP certified for Cloud, Infrastructure & Hosting & HANA® Operations.
- The advantage of owning the underlying hyperscale software defined data center on which the enterprise cloud is sitting, was also a differentiator that Pi could bring in as part of total ownership.
- This project was designed around a well laid execution plan for data migration, compute stack provisioning, network availability and a strong overlaying digital and cyber security.
- Pi's SAP* consulting team and its cloud SMEs got involved into this project at the very onset which helped in creating the best fit solution and an early planning for a seamless migration.
- The proposed DR on cloud solution was stitched around SAP* native replication and network optimisation to deliver sub second RPO.
- The network abundance at Pi's core DC ensured that the migration of existing data and applications from customer's in house infrastructure to Pi Cloud is seamless.
- The SMEs worked in tandem with client's application team to spun off phased wise high-performance DR instances and replicated client's SAP workloads, from their on-premise infrastructure to Pi Cloud DR site
- A thorough professional approach ensured zero disruption and optimum performance all through this migration process.

Summary :



A well-laid project designed with an exclusive execution plan for data migration, network availability, cyber security, and more.



Pi's SAP* consulting team ensured the best fit solution and early planning for a seamless migration.



Seamless migration of existing data and applications from the customer's in-house infrastructure to Pi Cloud.



Owning the underlying hyperscale software-defined Data Center became a differentiator that Pi could bring in as part of total ownership.



A thorough professional approach ensured zero disruption and optimum performance all through this migration process.