

A woman with long brown hair and glasses is sitting at a desk, looking at a laptop. She is wearing a light blue button-down shirt. In the background, there are two white wind turbine models. On the desk, there is a rolled-up document and a laptop. A large orange-to-red gradient circle is on the left side of the image, containing text.

Energy company
ensures smooth
SAP transition
to cloud

Client background

Client: An energy company

Industry type: Energy generation

Products/core business: Provider of electricity, natural gas, broadband, solar and renewable energy

Geography: New Zealand

Challenges

The client was running outdated versions of SAP such as NetWeaver 7.02 and wanted to upgrade to the latest version (NW7.5). They wanted to take a phased approach and migrate the SAP landscape to Windows on AWS Cloud and then upgrade ERP Central Component (ECC), Customer Relationship Management (CRM), Process Integration (PI) and Enterprise Portal (EP). Besides, they also wanted to complete the migration and upgrade with a single downtime for Business Warehousing (BW) components, with source systems running on Oracle, to HANA DB using the SAP Data Migration Option (DMO).

Solution

As a SAP Competency Partner with AWS, coupled with expertise in handling large-scale migrations, Wipro executed the entire engagement in two phases—in line with the client's expectation—with minimum risk and single downtime window.

- **Phase 1**
 - Migration of existing SAP applications (ECC, CRM, PI, EP and BW) to Windows on AWS Cloud and SQL DB
 - Migration of complete Solution Manager and its existing functionalities to the new landscape
 - Implementation of system monitoring and end-user experience monitoring

Upgrades and migrates SAP applications to AWS Cloud in a phased approach within single downtime window

- Integration and performance testing after migration
- Building a parallel landscape for upgrade
- **Phase 2**
 - Upgrade from NW 7.02 to NW 7.5
 - Volume test and optimization for stability



Business impact

The client successfully upgraded and migrated its SAP landscape to AWS cloud in a phased approach with minimized risk and single downtime window.



Not a single production ECC outage reported during 4 weeks of hyper-care



Multi-channel foundation for the client setup successfully



High availability setup for SQL DB



“Migrating SAP applications to AWS looks simple, especially because AWS has preset SAP solution packages. But to guarantee migration in a single downtime and, follow it with an upgrade needs considerable planning, expertise and right SAP competency. This engagement underpins our ‘business first’ approach where Wipro executed the entire engagement to meet the customer’s expectations in two phases with minimum risk.”

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