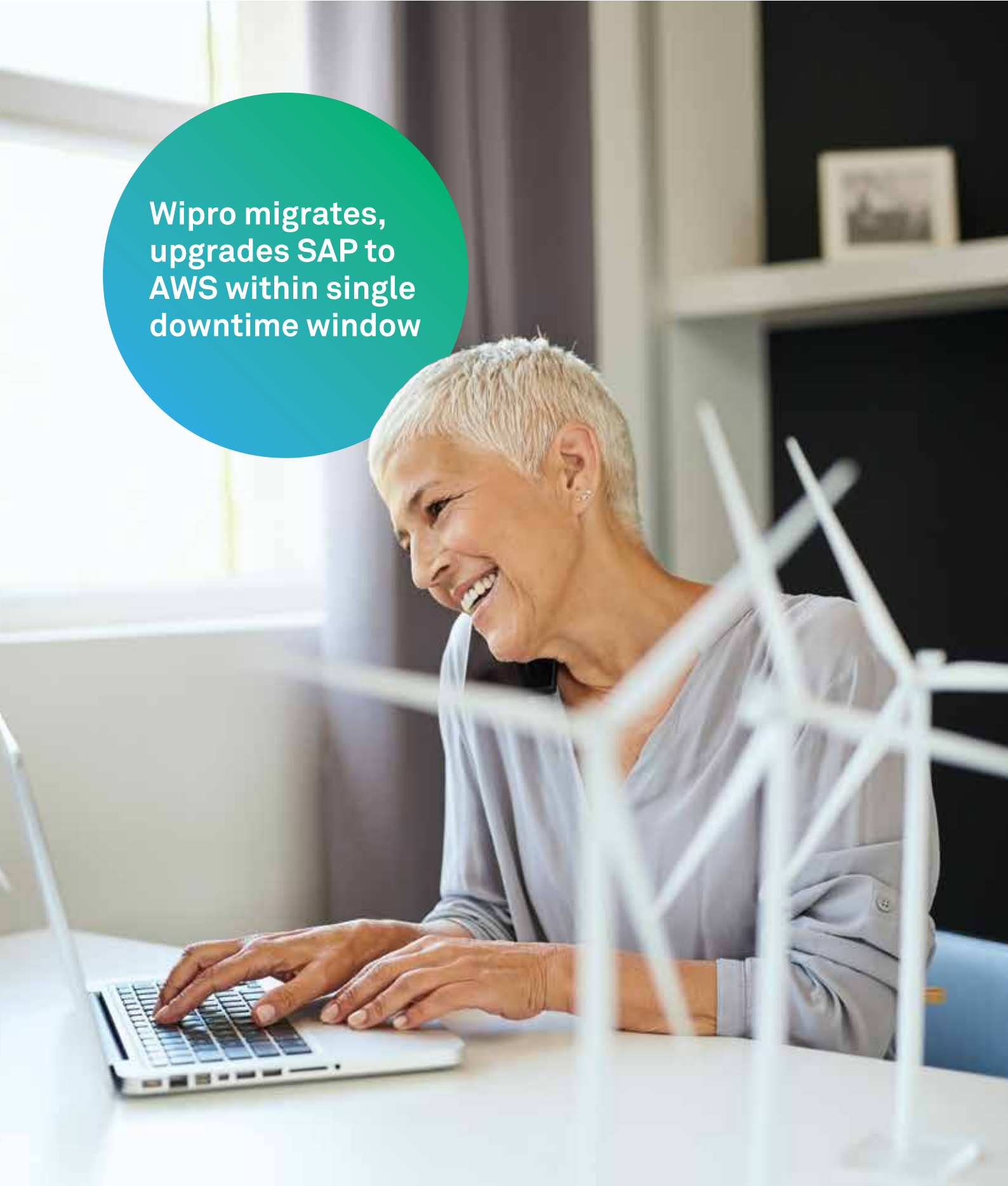




**Wipro migrates,
upgrades SAP to
AWS within single
downtime window**



Client background

Client: A large electricity generator

Industry type: Utility/ Energy generation

Products/ Core Business: Provider of electricity, natural gas, broadband, solar and renewable energy

Geography: New Zealand

Revenue: \$481 million (EBITDAF)

Challenge

The client was running outdated versions of SAP such as NetWeaver 7.02 and had to upgrade to the latest version (NW7.5) as support and maintenance for the older versions was discontinued. The client needed to migrate the SAP landscape to Windows on AWS cloud in the first phase and then upgrade ECC, CRM, PI and EP in the next phase. The client wanted the migration and upgrade with a single downtime for BW components, with source systems running on Oracle, to HANA DB using the SAP Data Migration Option (DMO).

Solution

The solution implemented by Wipro included:

- **Phase 1**
- Migration of existing SAP applications (ECC, CRM, PI, EP and BW) to Windows on AWS Cloud and SQL DB in Phase 1
- Migration of complete Solution Manager and its existing functionality to the new landscape
- Implementation of System Monitoring and End-user Experience Monitoring
- Integration and Performance Testing after migration
- Building a parallel landscape for upgrade

Zero production ECC outage during 4 weeks of hyper-care of large electricity generator, enhanced user experience with minimal business impact

- **Phase 2**
- Upgrade from NW 7.02 to NW 7.5
- Volume Test and optimization for stability



Business impact

Wipro is an SAP Competency Partner with AWS and has proven AWS migration and managed services capabilities. This meant it could execute the phased go-live approach with minimized risk and with a successful cut-over for SAP BW and then SAP ECC within the provided downtime window (a single long weekend). In addition, the client benefited from:



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



High availability setup for SQL DB



Multi-channel foundation for the client setup successfully



Learnings and solutions documented for future reference



Migrating SAP to AWS looks simple, especially because AWS has preset SAP solution packages. But to guarantee migration in a single downtime window and follow it with an upgrade takes considerable planning and expertise. In addition, for organizations keen to ensure stability, high performance and multi-channel readiness, it helps to work with an organization like Wipro that is an SAP Competency Partner with AWS.

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