

## SXiQ CASE STUDY: 2019

Orica Environmental & Compliance Data  
Reporting & Archive Solution leveraging  
Migrating from SAP/DB2 to Cloud PaaS Services



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“SXIQ have modernised our application with a simple interface to access our compliance data.”

Orica’s key objectives of creating cost effective secure and reliable access to compliance data whilst decommissioning their SAP EC enterprise system and minimising the management and support requirements by their ICT team, were met.

### BACKGROUND/SCENARIO:

As part of decommissioning legacy systems, Orica needed to decommission their SAP EC compliance system. This system was an unsupported version of SAP EC (3.0) and DB2 (v10) housed on a Windows 2003 legacy server environment.

The objective of this project was to decommission the legacy applications and database, its infrastructure and licensing requirements, whilst still maintaining full access to the data for future reporting and compliance purposes. The data was migrated into a PaaS database service, a self-service user-friendly cloud native application was developed, to support the customer’s ongoing reporting and business compliance audits within a stable and secure cloud environment.



## SXIQ CASE STUDY: 2019

Orica Environmental & Compliance Data Reporting & Archive Solution leveraging Migrating from SAP/DB2 to Cloud PaaS Services



Orica, in close partnership with SXiQ, have enabled their staff to easily and comprehensively view and access archived environmental & compliance data.

### THE CHALLENGE:



- Provide a secure and reliable reporting platform for archived environmental and compliance data from SAP EC.
- Minimize requirement for ownership and support required by ICT.

As part of decommissioning legacy systems, Orica needed to decommission their SAP EC compliance system. This system was an unsupported version of SAP EC (3.0) and DB2 (v10) housed on a Windows 2003 legacy server environment.

The objective of this project was to decommission the legacy applications and database, its infrastructure and licensing requirements, whilst still maintaining full access to the data for future reporting and compliance purposes. The data was migrated into a PaaS database service, a self-service user-friendly cloud native application was developed, to support the customer's ongoing reporting and business compliance audits within a stable and secure cloud environment.

### THE SOLUTION:



- Creation of modernised cloud native application and reporting suite
- Enablement of Self Service Reporting & simplified user friendly interface in the cloud.
- Migration of 10 years of emissions and compliance data from on-premise legacy database to PaaS database service.

The solution contained the following elements;

Analysis of complex SAP schema layouts and re-design for a non-proprietary PaaS solution with significant transformation of schema objects.

Reprovisioning of compliance based reports into industry leading cloud analytics dashboards;

Processing and migration of complex large artefacts stored within the data set.

Redevelop Application user interface to visualize data based on new user workflow / processing requirements

### THE RESULTS:



- One Dashboard view for multiple data sources.
- Reduction in cost, ownership & support requirements.
- Migration from proprietary legacy database services to non proprietary managed cloud database service
- Government and regulatory compliant reporting suite

Orica, in close partnership with SXiQ, have enabled their staff to easily and comprehensively view and access archived environmental & compliance data. The solution has reduced cost and improved the available insights and accessibility of their archived data.

Orica's key objectives of creating cost effective secure and reliable access to compliance data whilst decommissioning their SAP EC enterprise system and minimising the management and support requirements by their ICT team, were met.