



Manufacturing Case Study

Legacy .NET Application Migration to Mendix

Client Overview

The client is a renowned global manufacturer of heating, ventilation, and air conditioning systems for commercial and residential applications.

Business Requirements

- Create dynamic templates tailored to each country's sales and service structure.
- Retrieve and manage large volume of data
- Ensure secure and efficient storage of customer data.
- Import data from legacy application into Excel.

Indium Solution

- To perform API requests dynamically in the application, Indium created a service configuration module where each module has a unique name for retrieving API data. This helped in seamless maintenance of the API configurations in the app.
- Indium utilized AWS ElasticSearch to retrieve large volume of data by storing them as a searchable document. These data are stored in Mendix Installed-base.
- Indium leveraged AWS S3 from Mendix App Store to build a scalable, retrievable, and secured storage of data on Mendix.
- Dynamically generated templates are integrated with XML configured BI Publisher in Oracle Analytics (OAC) and the reports are then exported to Excel.

Business Impact

- Migration from legacy application to Mendix improved the data processing time by **50%**
- Indium implemented 12 different languages supported across 30 different countries.
- Self-service capabilities for the end user through the configuration of BI Publisher



Tools

