Data Warehouse for Aptean Axis ERP

For Ad-Hoc Reporting from Axis ERP

Axis Data Warehouse supports your ad-hoc reporting needs by providing a complete, SQL-based data warehouse for Aptean Axis ERP. The solution enables external reporting, business intelligence, custom integrations, and support for external applications that require access to Axis data.

Data Warehouse leverages a complete Extract, Transform, and Load (ETL) process based on Axis ERP’s built-in data exports to extract the data using proven business logic. Aptean’s proprietary Event Management Framework (EMF) technology is then used to transform and load the data to a Microsoft SQL database.

Extend Reporting and Business Intelligence

Axis Data Warehouse delivers the tools you need to extend your reporting capabilities – without requiring knowledge of Axis’ Progress OpenEdge database. With Axis Data Warehouse, you can:

- **Get consistent, reliable, and accessible data** – Summarized data is extracted from Axis ERP using data exports built into Axis reports and utilities to ensure that the business logic is properly applied. The data is stored in a flattened table structure that mimics the exported data, and SQL views can be generated and added prior to loading your data.

- **Use your preferred reporting tools** – Connect Data Warehouse with Axis Advanced Reporting to create a comprehensive reporting solution seamlessly integrated to your Axis ERP deployment. Data Warehouse can also connect with virtually any third-party SQL reporting tool – including Crystal Reports, Microsoft SQL Server Reporting Services, and Excel (reporting tools not provided).

- **Leverage out-of-the-box ETL processes** – The tools used to Extract, Transform, and Load data from Axis ERP to your SQL-based data warehouse are provided with the software. Over fifty pre-defined processes are included.

- **Easily schedule jobs** – The Data Warehouse Jobs Manager is built into Axis ERP to help schedule required exports. Easily configure parameters such as frequency, facility, date, and financial company. The Queue Manager then automatically triggers the ETL process.
Key Features

- Provides SQL scripts to create the Data Warehouse schema
- Includes out-of-the-box Extract, Transform and Load (ETL) processes based on Axis ERP’s built-in data exports and a runtime version of Aptean Event Management Framework (EMF)
- Data Warehouse Jobs Maintenance schedules can be set to export daily at a set time, at intervals (down to 10 minutes), or on select days on a weekly or monthly basis, all with configurable date parameters
- Scheduled multi-facility and multi-company exports for each facility/company, with their own parameters
- ETL process are automatically launched once an export is created via an HTTP message sent to the server
- Exports are automatically deleted or archived when a ETL process is completed

Requirements

- Axis 7.1 and above with Progress OpenEdge 10.2 or higher. Older versions may require additional services
- Supports Microsoft SQL server 2012 or higher, and compatible databases (database software not included)
- A runtime version of Aptean EMF is included in Data Warehouse for configurable built-in ETL processes. The full version of EMF may be purchased separately for additional ELT processes or customize workflows

For more information on Data Warehouse for Axis ERP, contact your account manager or email us at info@aptean.com.

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