

OmniAnalytics for D365: Technology and Solution Components Overview

OmniAnalytics provides a scalable and rapidly deployable, Microsoft Azure based Modern Data Warehouse, with industry specific reports, “in-a-box”.

1. The primary source system for OmniAnalytics is Microsoft Dynamics 365 F&O.
2. Customers, migrating from any old ERP system to Dynamics 365 F&O, still require access to data from the old ERP system for reporting and analytical purposes. OmniAnalytics provides a simple mechanism to import the transactional data and create a contiguous set of data for analytics and reporting. (Year-on-year, month-on-month, day-on-day).
3. OmniAnalytics is designed to cater for data from Dynamics 365 F&O seamlessly but also provides you with over 100 other data source connectors that can be used to extend functionality.
4. Data is ingested through an Azure Synapse Pipeline. The pipeline can be attached to a BYOD database or to the new Dual Load (Data Lake) functionality in Dynamics 365 F&O.
5. Data is stored in either an existing Azure Data Lake or in a newly provisioned Azure Data Lake.
6. Data is then transformed and processed from the Azure Data Lake, to an Azure Synapse Analytics database containing prebuilt data models for Finance, Sales, Accounts Payable, Accounts Receivable, Inventory and purchasing.
7. Data is loaded into a Power BI model, an Azure Analysis Services or both for reporting through Power BI and Excel.
8. An Azure PurView model with a predefined Data Catalog is deployed to manage and govern data.
9. The entire process is governed through an Azure DevOps model that allows for CI/CD.

