

Dataplatform Next

**Using Synapse to combine data from D365FO
with other data for reporting**



Welcome

Your presenters:



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Businesscase



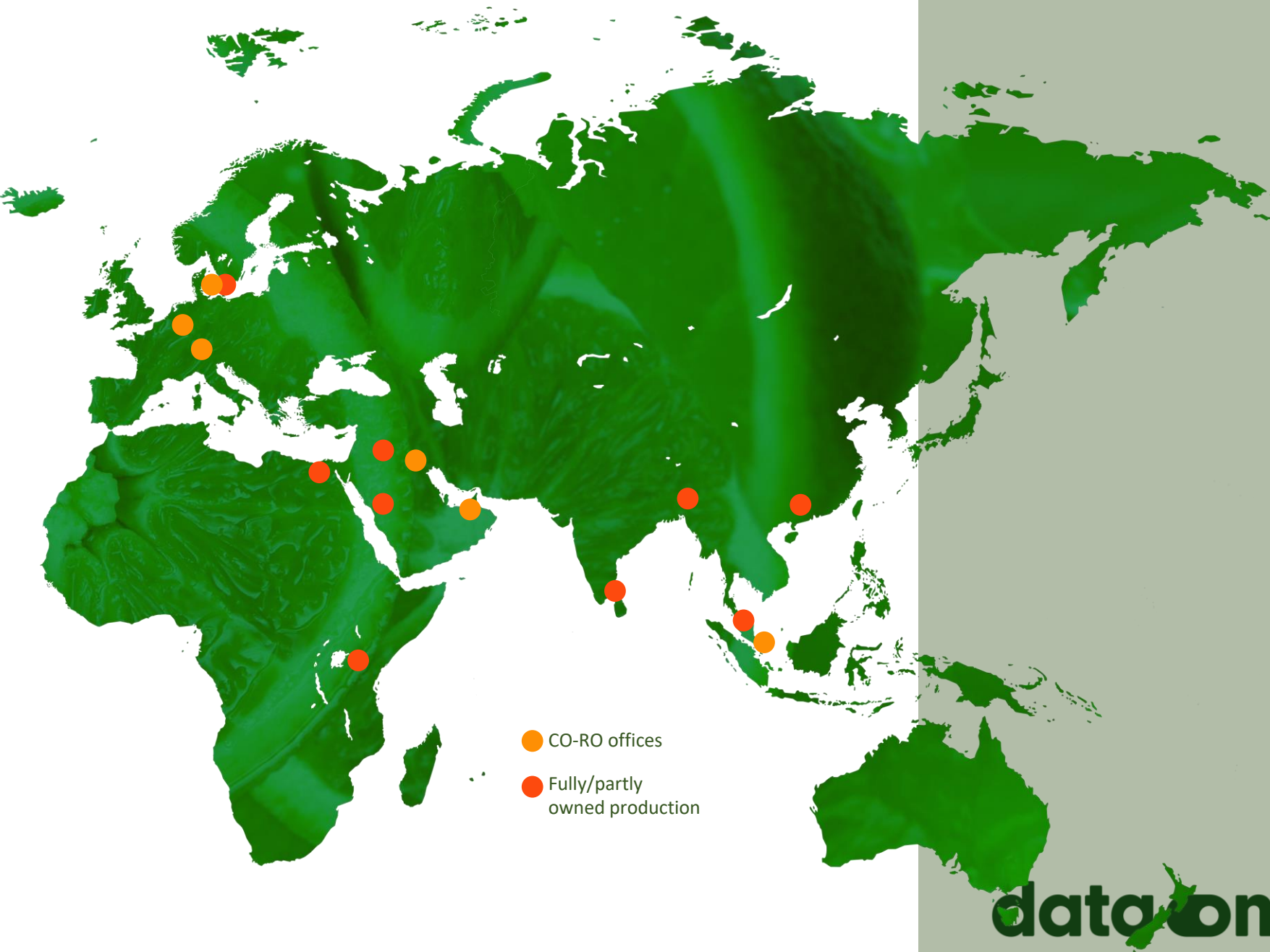
KEY FIGURES

11 company entities

300m
\$ net sales



80+
markets



Well known products...

CONCENTRATE



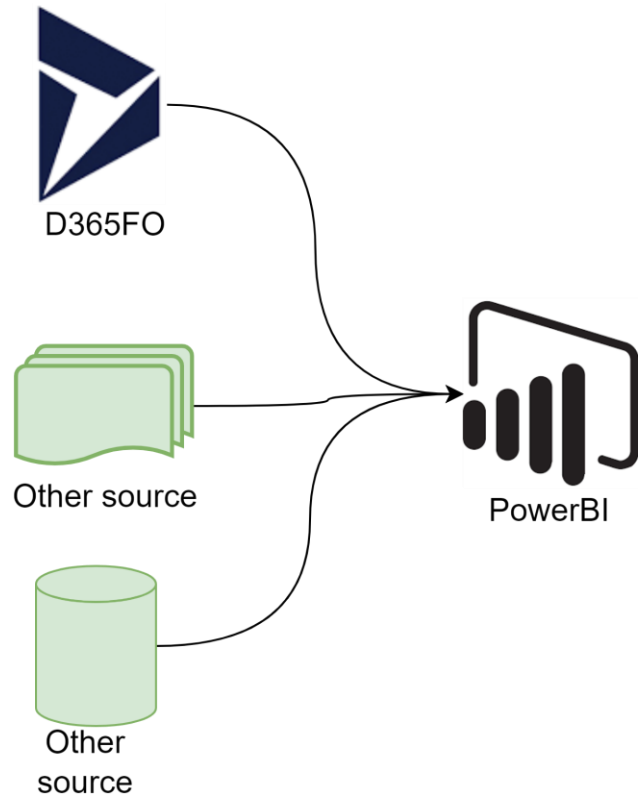
STILL DRINKS



AMBIENT ICE



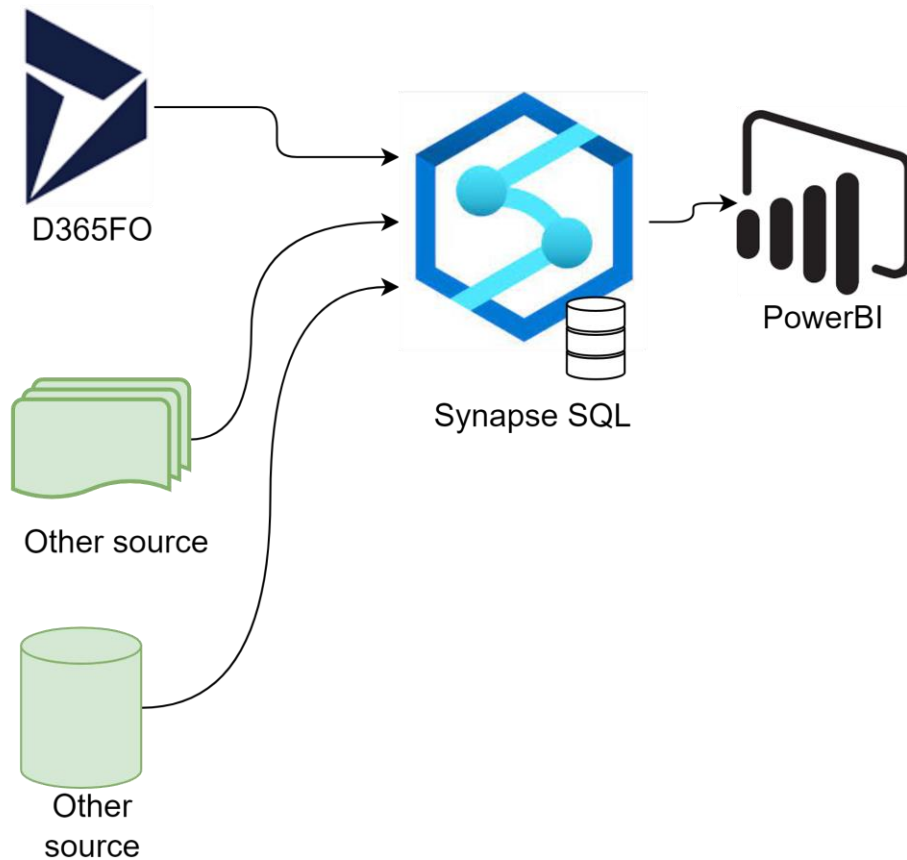
The problem:



Business want's Power BI reports that gives an overview for the business.

That means, we need data from D365 and other sources to be joined, computed and union'ed into a data model, that Power BI can use, so that we can create reports for the business.

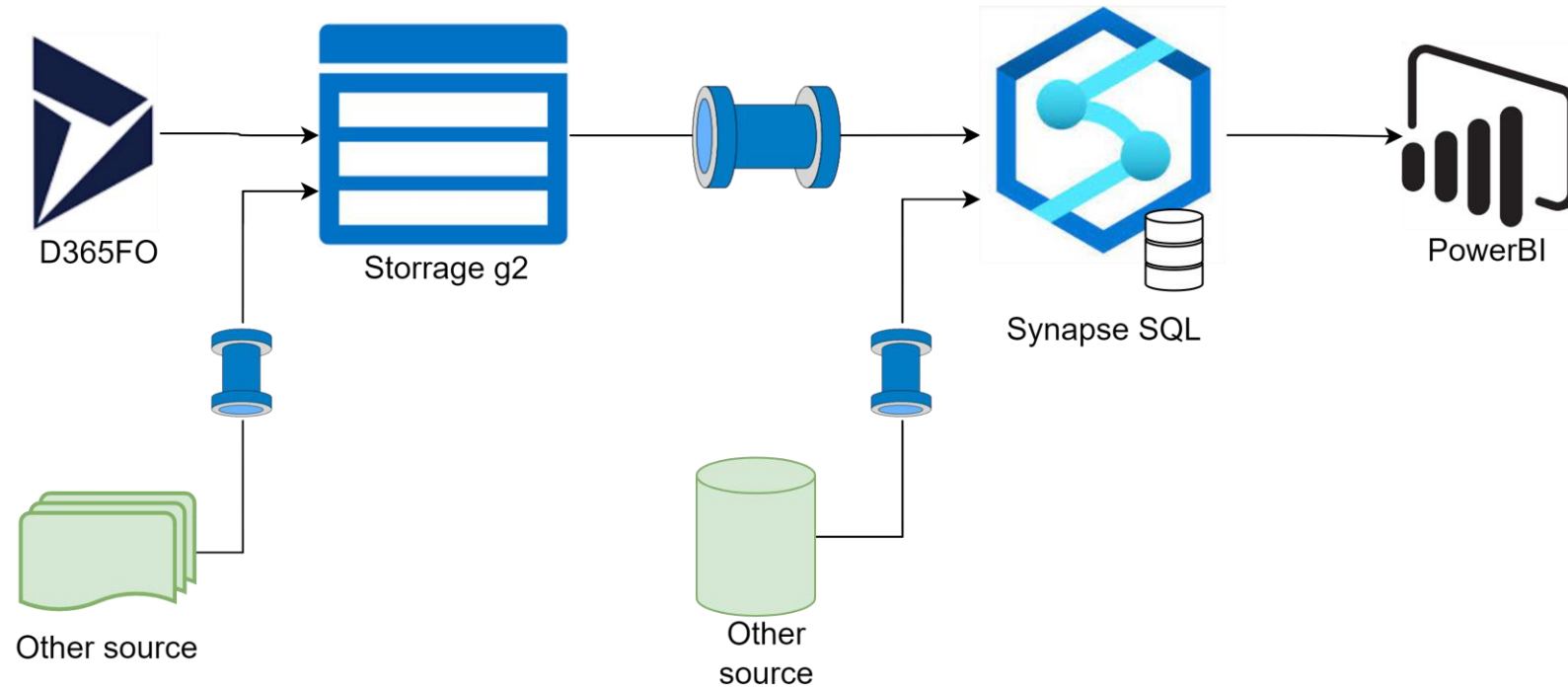
So... what to do?



We can use a Synapse Analytics to handle the joins, do the calculations, putting data together and handle the data modelling.

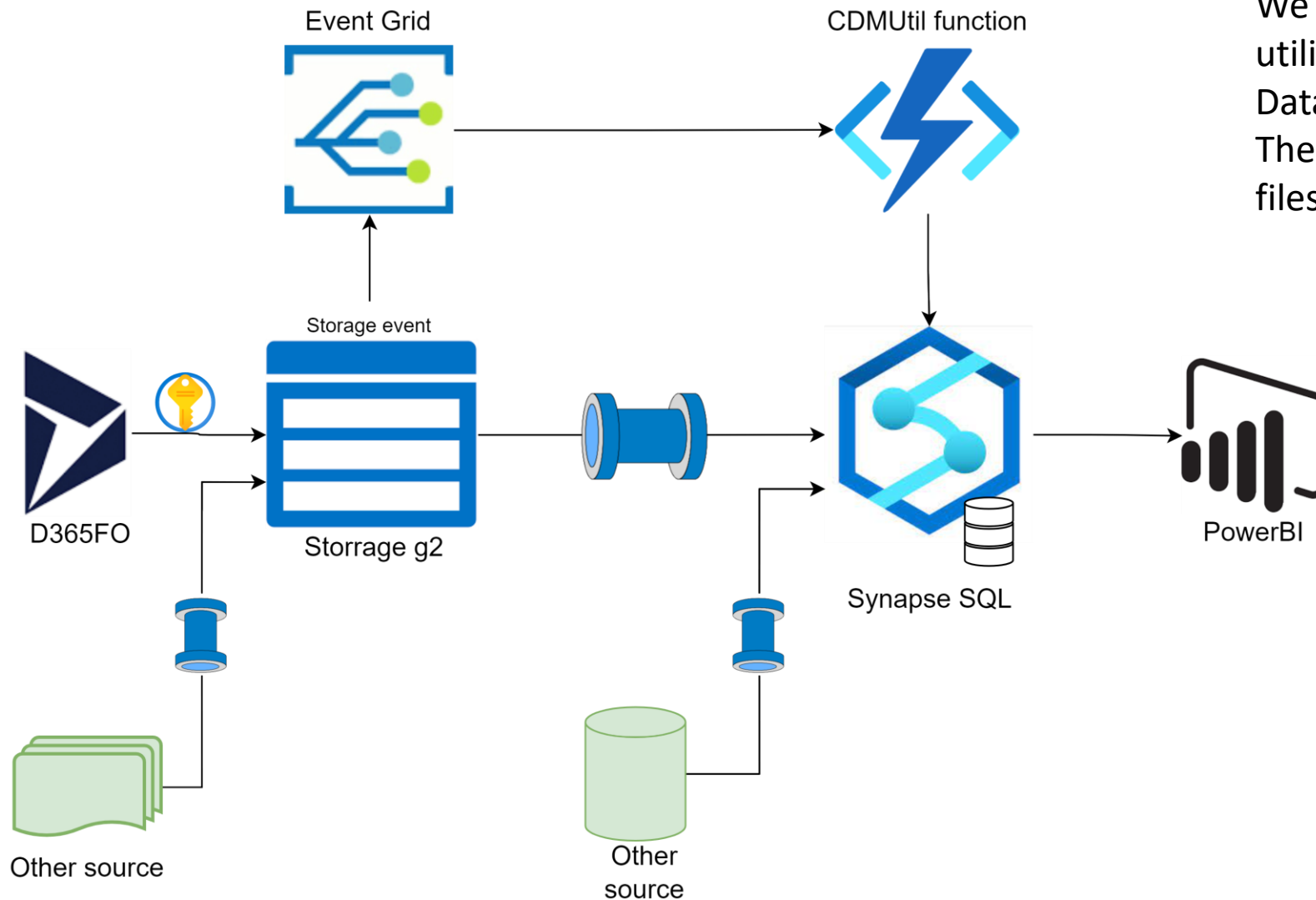
In this example we will use a dedicated pool, but we could also use a Synapse serverless.

Designing the setup - I



We need to extract data from D365FO, for this we use the **Export to Data Lake** feature. Setting this up is done within LCS for managing D365FO.

Designing the setup - II



Finally we add two more objects:

We add the CDMUtil function that utilizes on the result of the "Export to Data Lake" CDM result. The CDMUtil function uses the cdm.json files to create tables on the SQL pool.

Creating Ressource Group



Creating Storage g2



Creating Key Vault



Creating Synapse Analytics SQL Pool



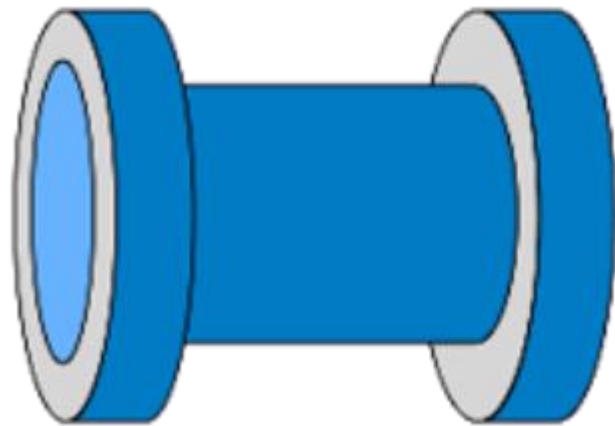
Creating CDMUtil function



Creating Event Grid



Adding pipeline to workspace



Starting Export to Data Lake



Links

- General description: [Dynamics fasttrac implementation](#)
- Install Export to Azure Data Lake [add-in](#)
- CDMUtil: [GIT project and deploymentguide](#)
- Video: [Watch the video](#)