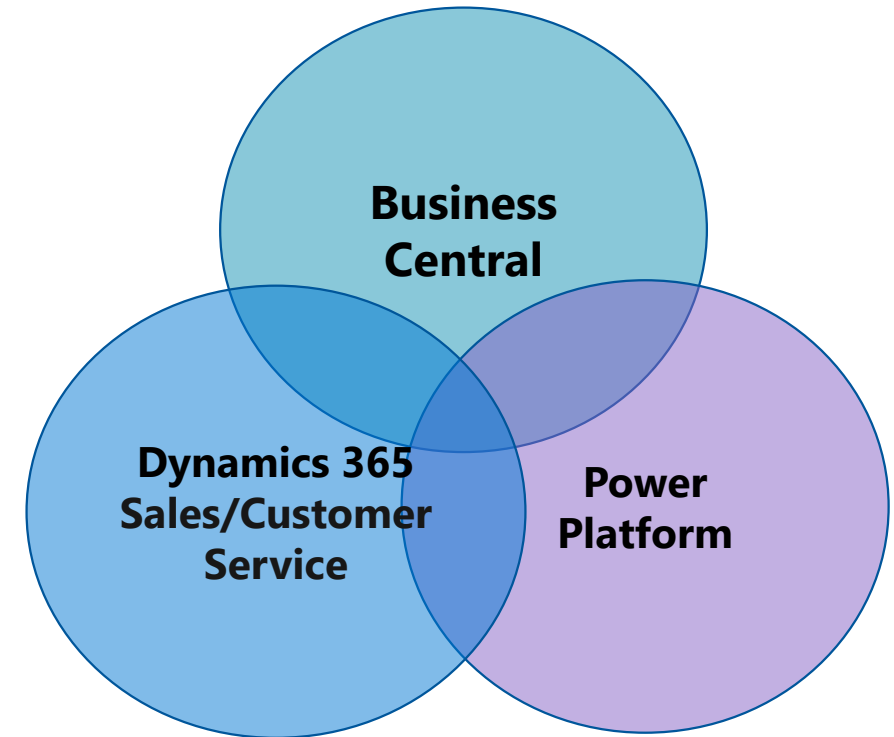


Review of Business Central & Dataverse integration



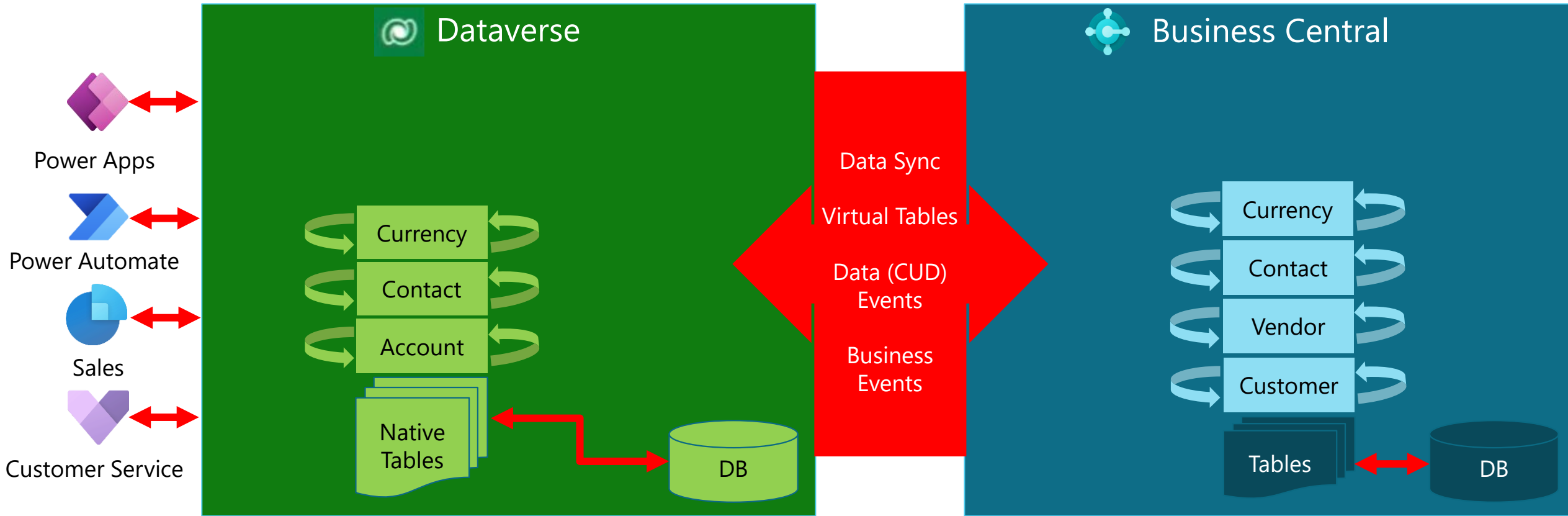
Review of Business Central & Dataverse integration

- **Business Central, Dynamics 365 Sales/Customer Service, and Power Platform** form a product mix that's often used together in complex business processes involving multiple roles, such as Lead-to-Cash
- Dynamics 365 Sales/Customer Service and Power Platform run on **Dataverse**, so integrating w/ Dataverse enables Business Central to **interact** w/ other apps in its ecosystem
- The wider/deeper their interactions,
 - the stronger/tighter their integration will be,
 - the higher the value of product mix will be ("1+1+1 > 3"),
 - the stickier they will attach to each other,
 - the easier their cross-promotion will be,
 - the more customers will use them together



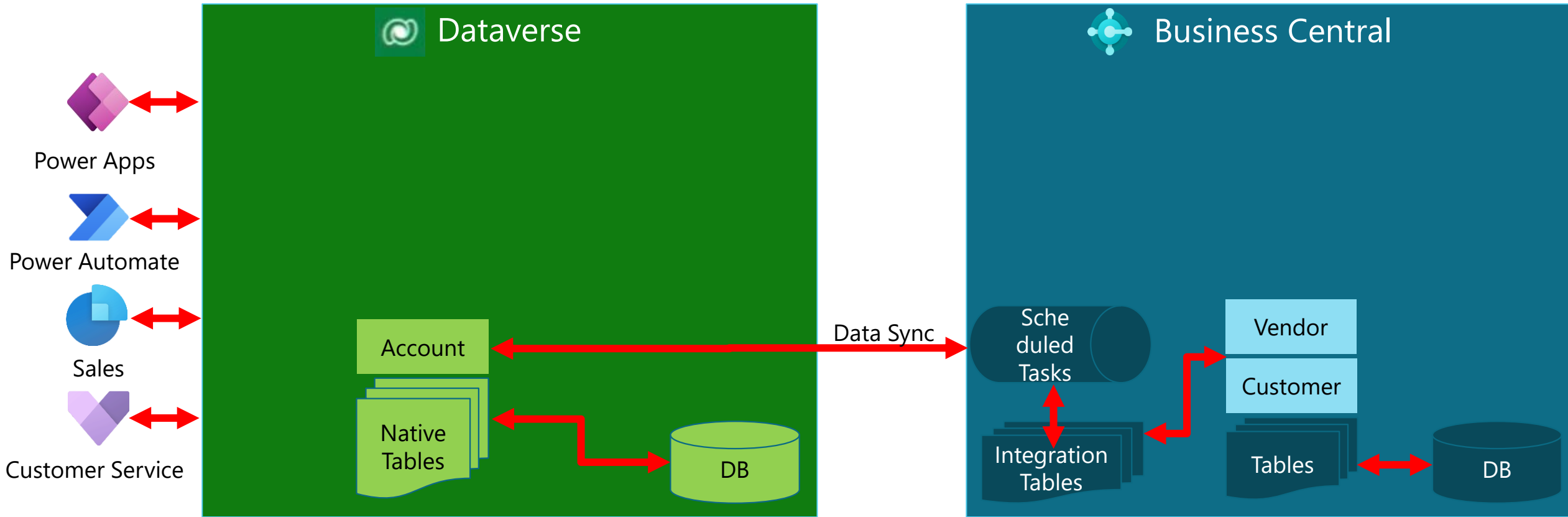
Review of Business Central & Dataverse integration

- Dataverse is a **data storage/management layer** for Dynamics 365 Sales/Customer Service and Power Platform
 - It offers **standard tables** that are used in business scenarios, such as **Account**, Contact, and Currency
 - It implements **business logic** that enforces business rules/validations/process flows on data **locally/physically** stored in those tables
 - Business Central offers similar standard tables, such as **Customer**, **Vendor**, Contact, and Currency, and implements similar business logic
 - Integrating w/ Dataverse enables Business Central to **interact** w/ other apps in its ecosystem on their **overlapping/non-overlapping** data
 - There are **four** types of **complementary** interactions:



Review of Business Central & Dataverse integration

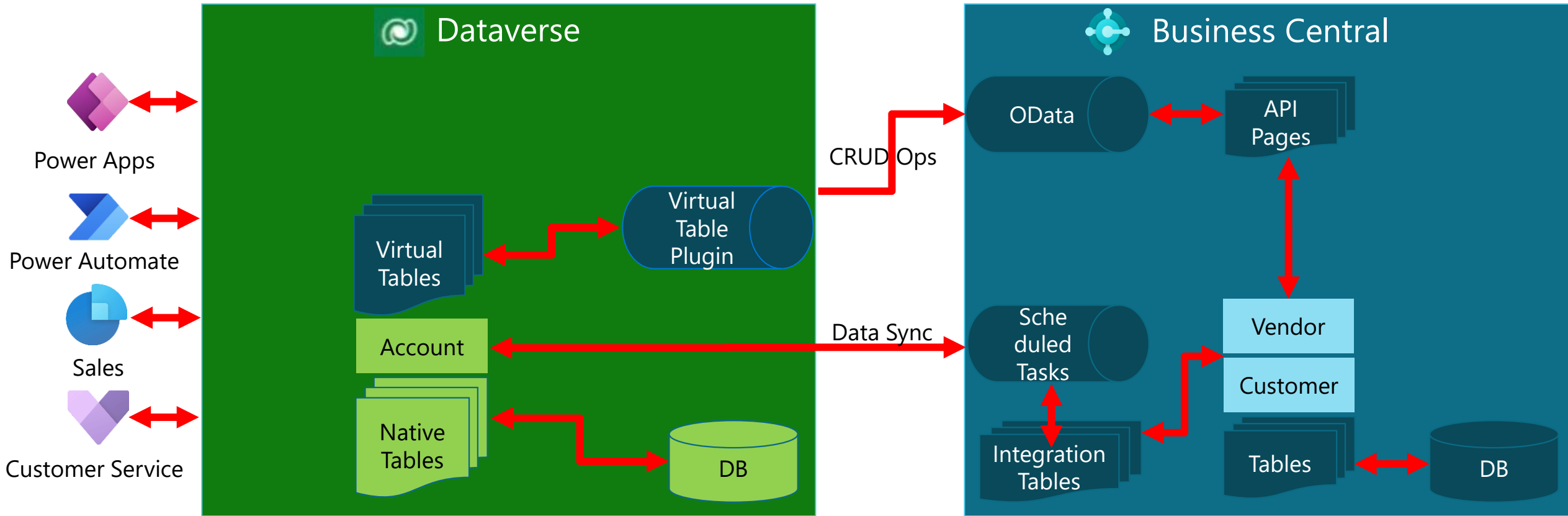
- Data Sync** that **replicates data changes** (**Created/Updated/Deleted**) between **overlapping tables** in Business Central and Dataverse, where each table has its associated **business logic** that depends on the presence of **local data**, such as between **Account** table in Dataverse and **Customer/Vendor** tables in Business Central
 - Replication is **unidirectional/bidirectional** via **scheduled** Service-to-Service calls **w/o authenticated user** and data is **duplicated** in both Business Central and Dataverse
 - You can use **Power Automate flows** to run the scheduled tasks that replicate data changes from Dataverse into Business Central **just in time**



Review of Business Central & Dataverse integration

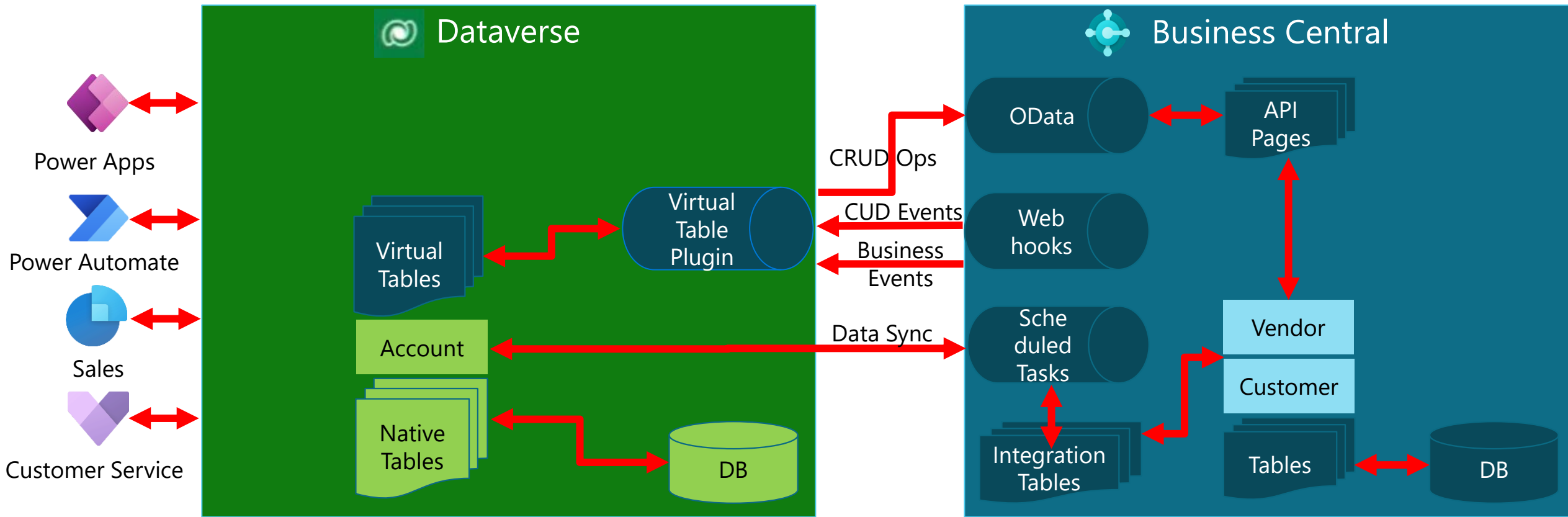
2. **Virtual Tables** that enable **inbound interactions** from Dataverse into Business Central **w/o duplicating data**

- **Virtual Table plugin** translates Dataverse **Create/Read/Update/Delete** API targeting virtual tables into Business Central **CRUD** API targeting physical tables in **near real-time** via Service-to-Service calls **on behalf of authenticated users**
- **Synthetically related** Business Central virtual tables can enrich native Dataverse tables on **model-driven Power Apps** that are **highly responsive** across many devices
- You can use **Power Pages** to access Business Central virtual tables on Dataverse



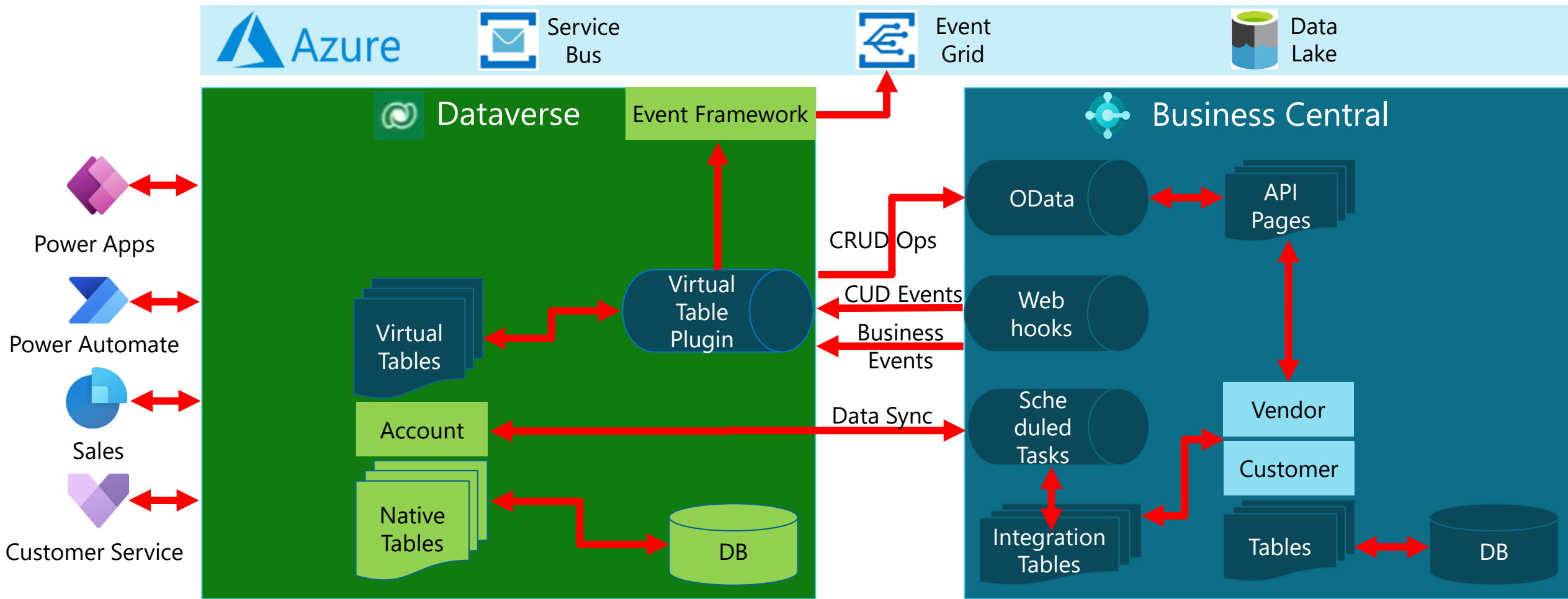
Review of Business Central & Dataverse integration

3. **Data (CUD) Events** that enable **outbound interactions** from Business Central into Dataverse, where they can start **Power Automate flows** via the **"When a row is added, modified, or deleted"** trigger
4. **Business Events** that enable **outbound interactions** from Business Central into Dataverse, where they can start **Power Automate flows** via the **"When an action is performed"** trigger



Review of Business Central & Dataverse integration

- Business Central & Dataverse integration will benefit from future enhancements to model-driven Power Apps, **Dataverse connector/event framework**, etc.
 - Business Central's data (CUD)/business events can be **relayed** by Dataverse to Azure Service Bus, Event Grid, and Data Lake, expanding its extensibility story further



Thank you