



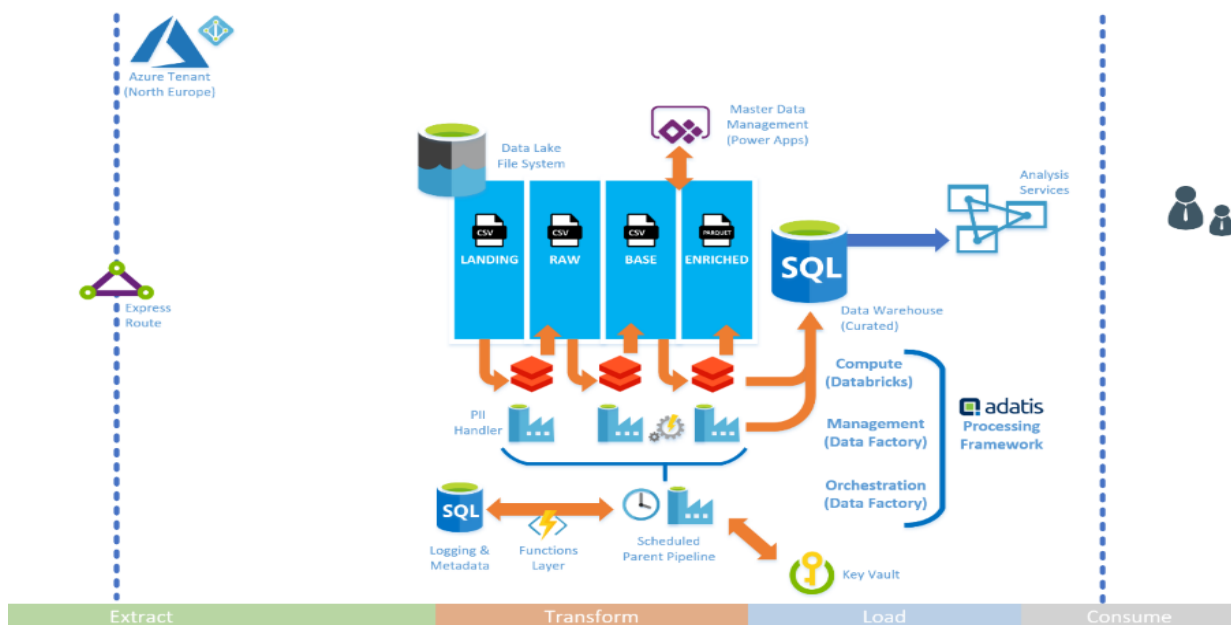
# Global Engineering Organisation rolls out Modern Data Warehouse Deployment

## Situation.

This Global Engineering organisation are undergoing a programme of work that includes the deployment of a trilogy of projects - ERP, CRM and BI across the EMEA division. The main driver for the programme was the deployment of a consolidated and up-to-date ERP platform using JD Edwards to replace a business critical, ERP solution. The BI Project aimed to replace the legacy Cognos platform with a Modern Data Platform on Microsoft Azure, delivering a lower cost, agile reporting tool that enabled a consolidated and accurate view of key business information, better supporting business decisions and reduced need for manual reporting. Adatis were charged with delivering the Modern Data Platform component of the programme.

Some main drivers were:

- Replacing complex legacy systems with increasing maintenance costs with a more cost-effective BI Platform
- Providing a consolidated and accurate reporting platform with ERP and CRM data that is trusted by the business
- Reducing manual manipulation and time spent on non-value activities





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## Approach.

The data platform consisted of PaaS only Azure components (Data Lake for raw storage, Azure DW for curated storage, Data Factory for ingestion and orchestration and Data Bricks for transformation. With Analysis Services and Power BI forming the presentation layer)

The first phase delivered the entire base platform, ingesting CRM data from a region into the lake with a thin slice through the entire architecture. In parallel, Power BI was used to prototype additional use cases, which were used to feed into the next phase requirements. This ensured that the highest value, highest priority scope items were always being worked on to deliver maximum value. The blueprint for the first region was then rolled out across multiple regions using Adatis' Managed Service team to provide a low-cost, repeatable rollout process.

The second development phase was focused on bringing in ERP data into the platform while the global rollout of CRM regions continues.

## Outcome.

The platform provides an easy to use, flexible global reporting platform for all users who need information from the companies two major platforms; ERP & CRM. It also provides a flexible and extensible solution that made global rollout and onboarding of additional sources relatively easy.

One of the key learnings was to maintain tight involvement of the client team and business, even in a model where Adatis were given responsibility to delivery one element of the programme. Another key learning was communication and coordination with other dependent streams is critical to ensure that all parties were working towards the common goals of the programme, not just focused on their own deliverable in isolation.

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