



Datawarehouse on Azure Arc Data Service Managed Instance



Creative tech for Better Change



our playground.

Europe, Middle East
& Cloud



Sized for Agility & Trust.

18
countries

10,000
professionals

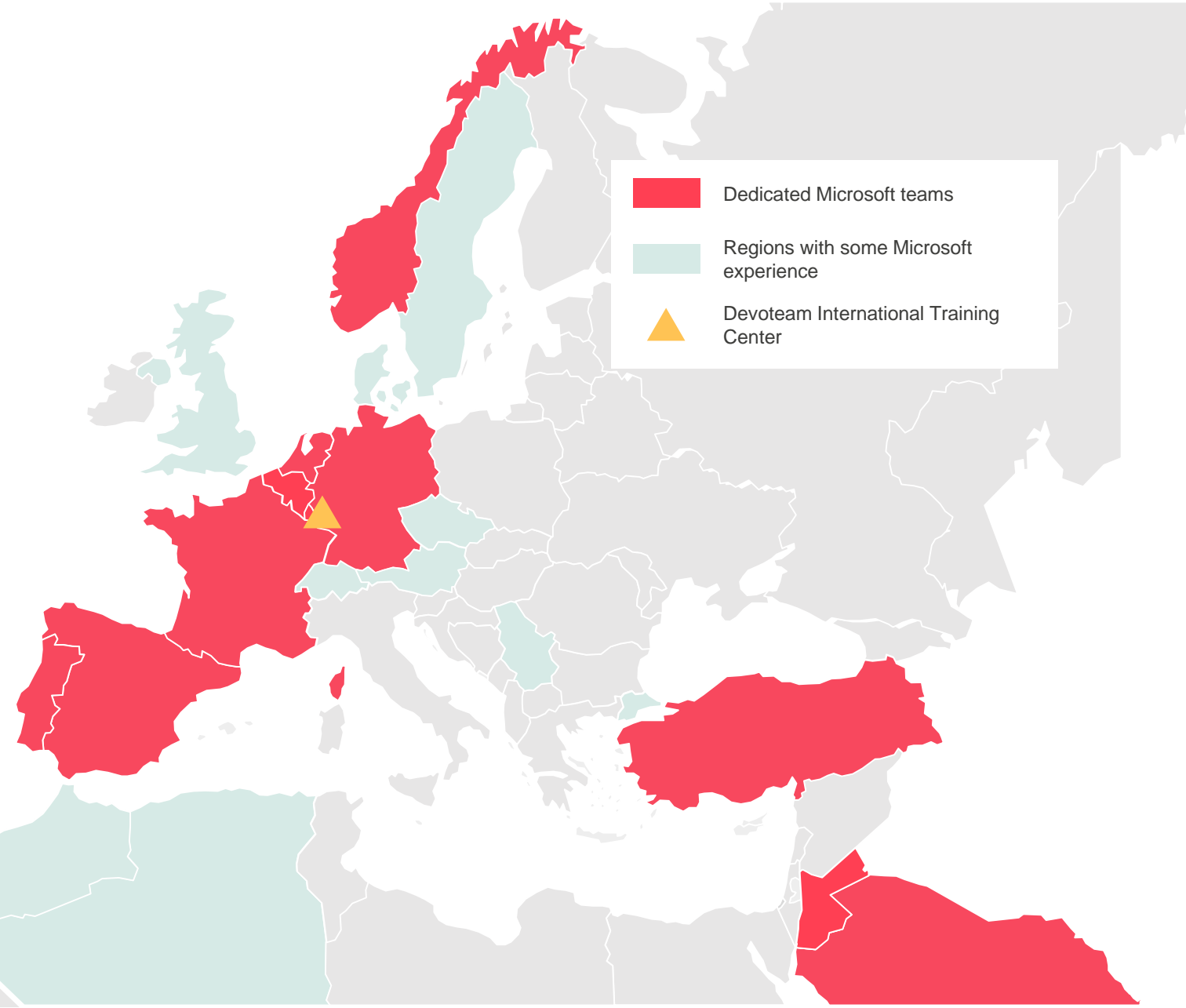
€1B

**We are the leading partner for cutting-edge
Cloud companies.**



A Powerful Microsoft presence in EMEA.

Sized for agility and trust.




+1400 consultants

16  **Gold** competencies

+1,100 certifications

- +400 Azure
- +350 Modern Workplace
- +60 Business Apps
- +30 Data

15  **Advanced** specialization

in the **Middle East**

4

countries



500+ Projects



10+ National level Transformations

1000

professionals



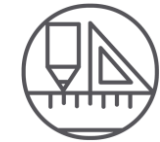
100+ VRO, TMO, PMO projects



5 technology partners

100+

Blue Chip clients



200+ digital & IT Transformations



“Largest ICT Consulting firm in KSA” IDC country report 2019



Datawarehouse on Azure Arc Data Service Managed Instance

Efficient Deployment

Accelerate Datawarehouse deployment on Arc Data Service while reducing deployment errors.



Easy Implementation

Deploy confidently by leveraging experienced technical resources, proven tools and approach whilst minimizing disruption to your business.



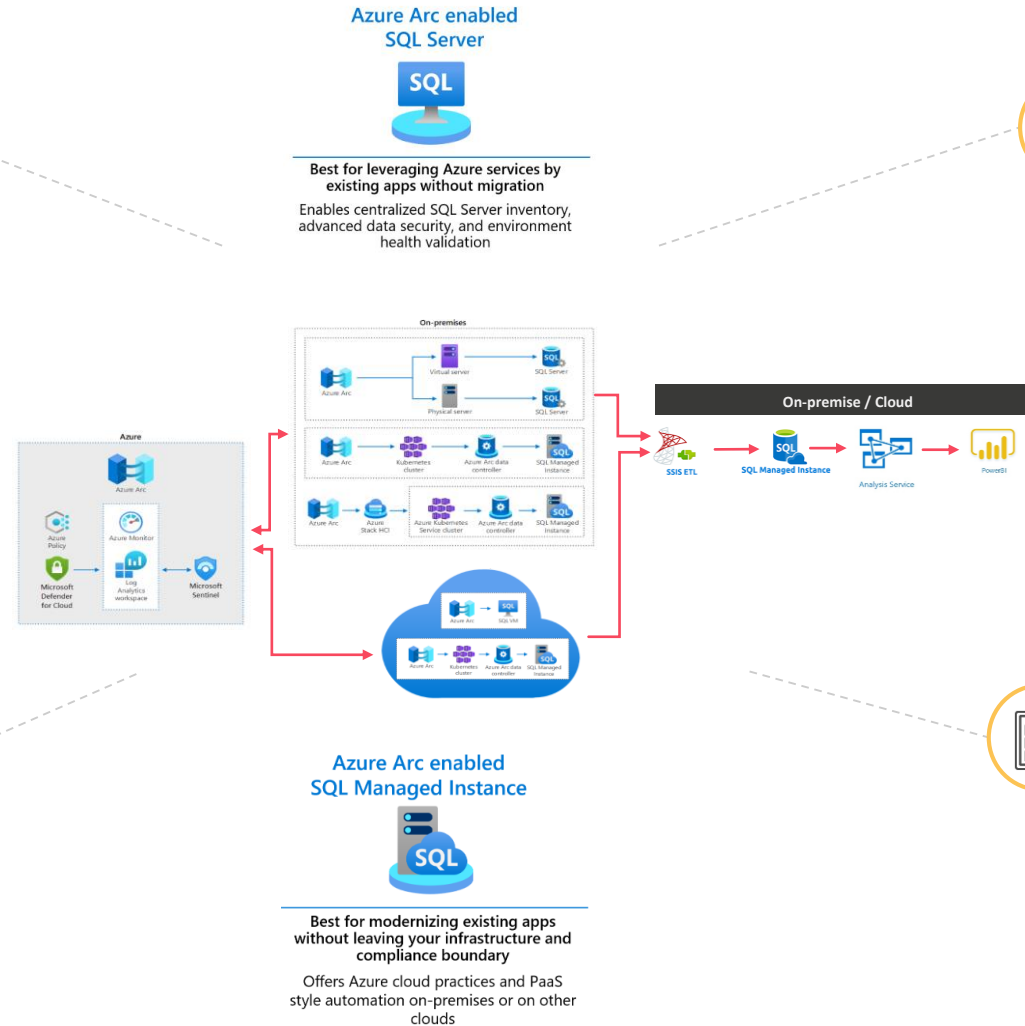
Dash boarding & Reporting

A Dynamic Dashboard and reports to be published and accessed with multi-level of data viewing



Hybrid Cloud Management

Datawarehouse to be stored on Cloud or On Premises



Datawarehouse on Azure Arc Data Service Managed Instance

Executive Summary

Devoteam is delighted to propose building Datawarehouse using the best of Azure Arc data service to your on-premise datacentre. While building a proper interactive Dashboard to visualize the data with searching, querying, exporting and BI techniques.

Commercial Summary

Speed up innovation faster while running cloud-based DB on premises

Deliverables:

- One business dashboard - Pilot
- Knowledge transfer
- Executive Presentation with a summary of the work performed, observations, opportunities for improvement, results of the effort, and actionable next steps

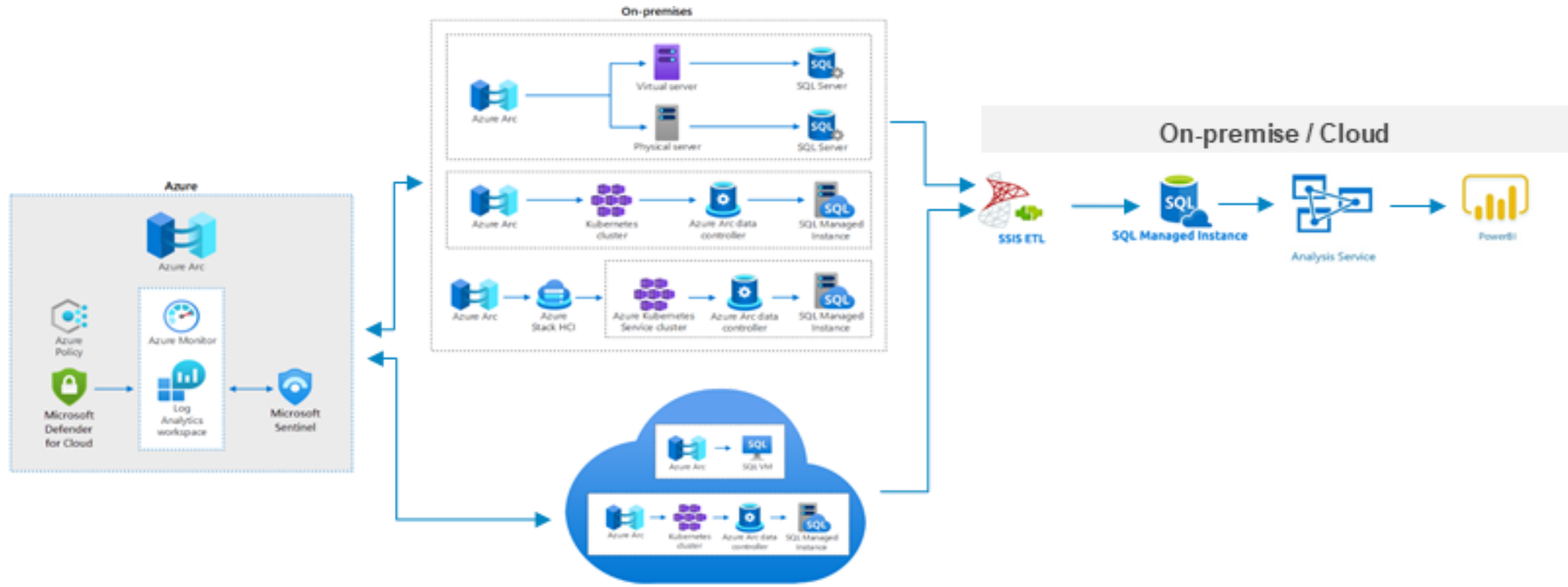


Summary of Solution

- Devoteam will help the customer to gain experience to use Azure Arc Data service.
- Setup & Build Datawarehouse (SQL Managed Instance).
- Design & Build required ETL components.
- Design & Build required Analysis Service components. (Having 1-2 Cubes with 2-3 Facts & 6-8 Dimensions).
- Setup & Build Reporting & Dashboard (PowerBI) (2-3 Sample Reports).
- Microsoft native tools will be used for monitoring and security.
- Databases will be integrated in line with assessment report and customer approval.
- Execution of agreed scope upon deployment strategy and post deployment verification.
- Perform knowledge transfer of the deployment process.
- Executive Summary Presentation.



Solution Design



Benefits of the Devoteam Proposal

- Accelerate Datawarehouse deployment on Arc Data Service while reducing deployment errors.
- Deploy confidently by leveraging experienced technical resources, proven tools and approach whilst minimizing disruption to your business.
- A Dynamic Dashboarding & Reporting functionality.
- Capability of supporting Advanced Analytics, Data Insights & Data Cleansing.
- Manage & secure your data across Cloud and on On-Premise
- Stay always current with Evergreen SQL and removes the burden of patching and upgrades
- Lower costs with elastic scale.

Why Devoteam:

Devoteam has a long history of working closely with customers embarking on similar programs of hybrid cloud deployment. Our depth of consulting experience on Data and Azure Stack Arc, enhanced by our market leading support for the whole solution, means we offer our customers the optimal route to automate and de-risk the process of deploying production DW to an on-premise modernized platform.

About Devoteam

- [Devoteam Services](#)
- [Customer Success Stories](#)
- [Devoteam Innovative Technology](#)

Click on each hyperlink to learn more



Timeline, Plan & Level of Effort - Pilot

<i>Business Days</i>	1	2	3	4	5	6	7	8	9	10
Project Initiation, Onboarding and Kick-Off	█									
Analysis, Preparation and Planning		█								
Deploy Azure Stack (in case of AKS)			█	█						
Azure Arc Enabled Data Services Setup					█					
Datawarehouse Setup						█				
ETL & Analysis Service Components setup							█	█		
Reporting & Dashboard setup								█	█	
Management & Monitoring layer									█	
Knowledge Transfer Executive Debrief										█
Project Close-Out										█

Role
Lead Consultant {Oversight Architect}
Sr. Consultant {Azure data engineer}



Prerequisites

1	The Customer has an operational Kubernetes cluster, or to build in case it's not ready
2	The Customer will provide all the necessary Microsoft and third-party software, licenses required for the deployment.
3	Accessing to the on-premise environment remotely is required.
4	Azure subscription is required to run Arc.
5	Datawarehouse setup in this context means no data transformations, use data as-is.
6	Sufficient infrastructure components (e.g., storage, network, compute) exist and are available to run the Datawarehouse databases
7	Customer commits to avail test servers & sample data sources to be used.
8	Customer will provide x86 (Linux/Windows) servers for installing Kubernetes cluster (in case there is no a running cluster)
9	An engineer from Customer's side to support on identity and access, and any other requirements on Customer's environment.

Acceptance in any form of this document alone shall not lead to a binding contract. Schedule and Level of Effort listed above reflect preliminary estimate(s) only and are subject to change at Devoteam Technologies sole discretion at any time. Neither this Preliminary Estimate nor any negotiations or understandings prior to the execution of a definitive mutually agreed Statement of Work ("SOW") -- executed by duly authorized representatives of Devoteam Technologies and "The Customer" or "Partner" in reference, respectively, and incorporating the Customer or Partner's signed Master Services Agreement or in the absence of such agreement the applicable terms and conditions-- is intended to be or shall constitute a binding and legally enforceable agreement of either Devoteam Technologies, Customer or any other party. If you are interested in receiving a formal "SOW" please contact your Devoteam Technologies representative



Reference Implementation - One of the Leading Pan-GCC Universal Bank



Azure Arc Data Service

Powered by Azure

Partner:  Microsoft



Banking

Challenge:

To meet the requirements of their future roadmap and support their growth data needs, Bank wanted to modernize and innovate their data center and to use Scalable and Resilient Database Systems. Devoteam as a primary partner for Microsoft offered the Professional and consulting services to design & implement the Microsoft's Azure Arc Data Service offering to meet the requirements.

Solution:

Following components were deployed as part of solution:

- Azure Arc Enabled Data Services:
 - Deployed Azure Arc Data Controller (Indirect Mode)
 - Deployed Arc SQL MI including AZDATA & Azure Data Studio.
- Azure Arc Enabled Data Services Management & Monitoring:
 - Configured Monitoring for Arc Data Controller Arc Data Controller Dashboards, AZDATA & kubectl.
 - Configured Managing Arc SQL MI including AZDATA & Azure Data Studio.
 - Configured Logs, Metrics and Usages to Azure Monitor, Log Analytics Workspace.
- Azure Arc Enabled Data Services Migration Operations:
 - Deployed Arc-enable SQL Managed Instance

Reference Implementation - One of the Leading Pan-GCC Universal Bank



Azure Arc Data Service

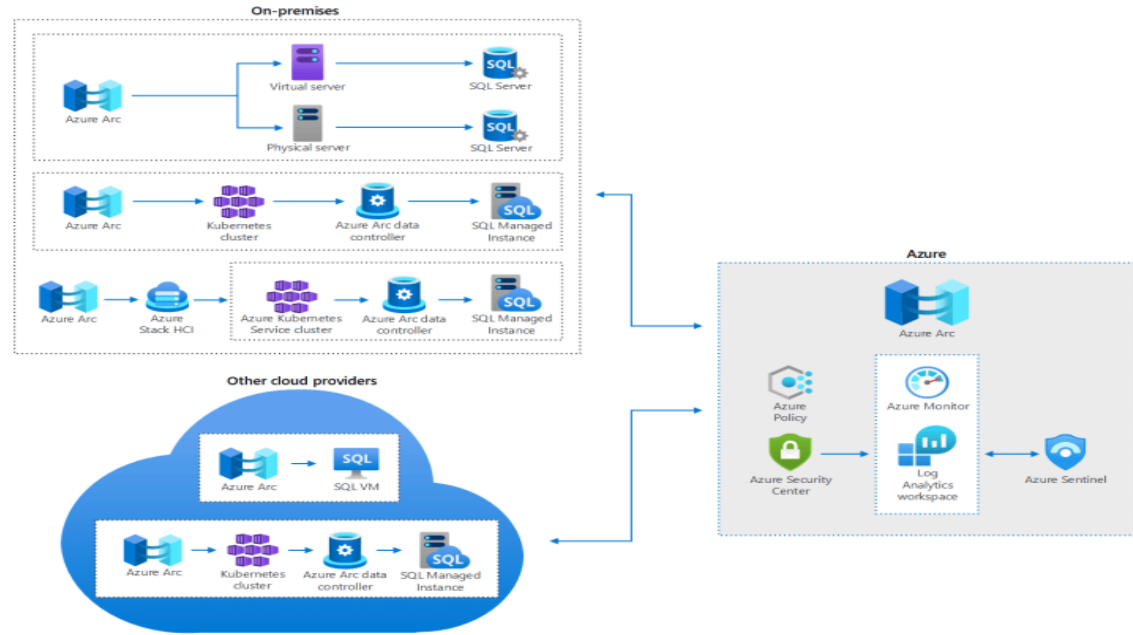
Powered by Azure

Partner:  Microsoft








Banking

Design:



Benefits:

-  Increased Scalability
-  Faster Time to Market
-  Manage Data Storage Simple
-  Lower Costs
-  Reliability, Security & Compliance



Thank you.

