

UKCloud and Denodo

UKCloud and Denodo partner to provide public sector organisations in the UK with seamless transitions to the cloud and advanced cloud capabilities.

Why UKCloud and Denodo?

Many public sector organisations in the UK would like to modernise their data infrastructures by moving to cloud-based services. The pandemic has only strengthened this need, as the public seek ways to interact with government offices without leaving their homes. Unfortunately, many organisations store data across multiple different on-premises systems, and to migrate to cloud systems, they are looking at multiple costly data integration initiatives using batch-oriented extract, transform, and load (ETL) processes.

As a result, public sector organisations are hampered by some key challenges:

1. Transferring data using ETL processes costs both time and money, making it difficult for many organisations to justify moving to the cloud.
2. During the migration, organisations often have to suffer downtime, resulting in interrupted service.
3. Often, key repositories are required to remain on-premises, and organisations lack effective ways to manage both cloud and on-premises systems, simultaneously.
4. In migrating to cloud infrastructure, organisations lack effective ways to manage data sovereignty.
5. Public sector organisations need technology solutions that can assist with the above challenges, but they also need to work with people who understand the unique needs of public sector organisations.

Working together, UKCloud and Denodo enable public sector organisations to overcome each of these challenges, so they can engage in seamless, zero-downtime migrations to the cloud and take advantage of all of the benefits that cloud systems provide.



What UKCloud Brings

UKCloud are much more than a cloud-centric technology company. UKCloud are focused on the public sector and have unrivalled experience in each individual community they serve, which include central and local government, health and care, defence and national security, police and justice, and research and education.

UKCloud believe that the UK's public services are a genuine national asset that needs to be protected and nurtured to ensure that it is delivered securely and effectively. UKCloud provide the safest platform for the most secure and sensitive systems through native connectivity to the Public Services Network (PSN) as well as compliance with specific UK public sector standards such as NCSC Cloud Security Principles and the Technology Code of Practice.

UKCloud take a technology neutral approach to cloud, recognising that organisations will need to mix and match a variety of cloud services to meet the diverse technical and commercial needs of their IT environments.

UKCloud Health, UKCloud's health brand, is focused on helping healthcare organisations advance their digital maturity to transform patient outcomes through the adoption of digital technologies. It is the trusted cloud provider for digital health solutions.

Finally, UKCloudX is the UKCloud brand focused on national security. UKCloudX is the sovereign cloud that UK security depends on for rapid innovation and actionable insights to underpin information superiority. Whichever classification level is required, from OFFICIAL, to above OFFICIAL, to Tier 2, UKCloudX brings security-cleared staff that can help companies to kick-start their cloud journeys with security as a foundation, not as an afterthought.

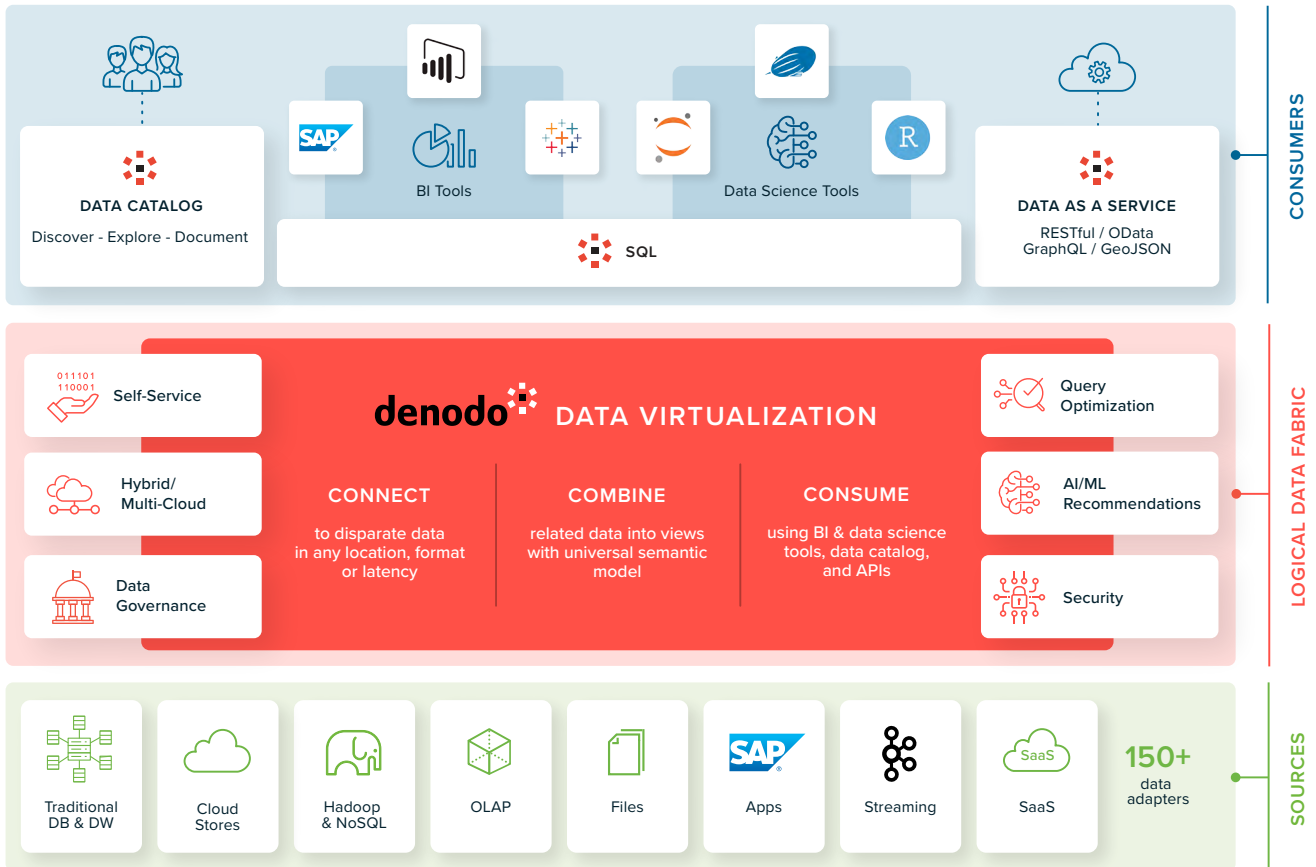
UKCloud were also the first tech firm to receive a Social Value Quality Mark (Level 1) Award in the UK and have since been awarded with Level 2 in 2021.

What Denodo Brings

Unlike UKCloud, Denodo is a pure technology provider, but what they provide is a game-changer when it comes to integrating and managing data. The Denodo Platform uses data virtualisation to connect data consumers with disparate sources of data in real time, without having to physically move any data from its existing location. The Denodo Platform sits in a layer between data consumers and the various data sources, be they cloud or on-premises sources. The platform itself contains no data, but only the metadata required to access each source, and the platform shields consumers from this complexity. By presenting data consumers with a real-time view across myriad disparate sources, data consumers can access a single version of the truth, and query across the heterogeneous sources without having to understand their different requirements.

Because the Denodo Platform provides real-time access to data, regardless of its location, the Denodo Platform enables organisations to migrate to the cloud without interrupting data access, and in fact without users even noticing that a migration is taking place. Once migrated, the Denodo Platform can continue to provide real-time access across both on-premises systems and the new cloud system, to support organisations that need to maintain data on premises.










Denodo Platform 8.0 Architecture

What can you do with UKCloud and Denodo?

With UKCloud + Denodo, public sector organizations in the UK can:

-  Migrate to the cloud with zero downtime
-  Implement a cloud-based infrastructure that supports their unique needs, including advanced cloud-based analytics
-  Provide seamless, real-time data access from the cloud as well as any on-premises systems that need to be retained
-  Control data security with a unified data-access layer
-  Maintain better control over data sovereignty with unified access to all metadata across the entire data infrastructure

I UKCloud

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I Denodo

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