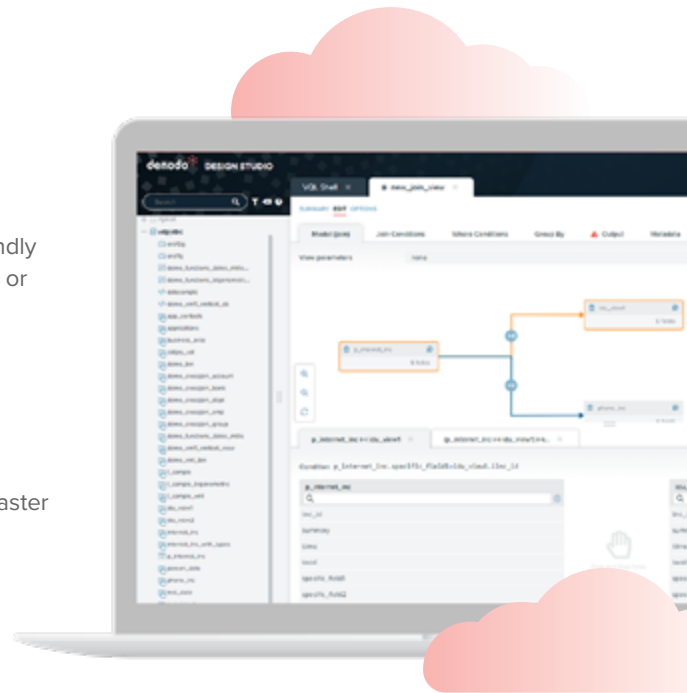# Agora - The Denodo Cloud Service

Where Flexibility Meets Unlimited Business Potential

The Denodo Platform

For over 20 years, the Denodo Platform has been a leading force in logical data management, streamlining access to distributed data systems and presenting information in user-friendly formats for real-time, organization-wide access. It ensures the secure, timely delivery of high-quality data, empowering business users with seamless connectivity to a unified data source. Additionally, it enables security and compliance teams to monitor and manage all data access from a single point of control.

Benefits include:

- **Unified Data Access:** Breaking down data silos and offering a centralized virtual data abstraction layer for easy access to data, regardless of location or format

- **Data Tailored for Business Users:** Translating complex data into user-friendly formats, simplifying access, querying, and analysis without technical skills or IT help

- **Simplified Data Discovery:** Enhancing visibility and accessibility with rich metadata, detailed lineage information, and AI-powered, intuitive search capabilities, to revolutionize data discovery and usage

- **Real-Time Insights:** Delivering real-time data, ensuring timely access for faster decision-making and a competitive edge

- **Enhanced Data Security and Compliance:** Ensuring integrity, security, and reliability using advanced features and third-party-tool integration

Agora - The Denodo Cloud Service

Organizations face challenges with fluctuating data volumes and overburdened IT teams. The constant flow of routine data requests and the demands of managing data infrastructure divert data teams' focus from strategic inititives to operational maintenance.

The Agora service offers all the robust capabilities of the Denodo Platform and simplifies data management through a fully managed, cloud-based solution. Agora enables organizations to offload infrastructure management and Denodo Platform operations. With Agora's SOC 2 and SOC 3 certifications ensuring top-notch security and reliability, and Denodo's ISO 27001 certification offering comprehensive protection across all services, IT and operational teams can focus on business goals, fully leveraging data while minimizing operational overhead, and sustaining agility in a fast-changing business landscape.

Flexible Deployment Options: Users can either fully control their Denodo Platform environment or opt for Denodo to manage it via Agora, for greater flexibility and ease of operations.

Quick-and-Easy Deployment: Easily provision a wide variety of deployment options with Agora one-click templates, ranging from simple evaluation servers to complex enterprise setups. Users can effortlessly scale systems up or down with just a few clicks.

Liberating IT and Operational Teams: Agora relieves IT and Operations teams from the daily grind of infrastructure and operations management, enabling them to focus on strategic initiatives instead of routine tasks, such as monitoring, updates, backups, and security setups.

Flexible Licensing: Offers a consumption-based licensing model that aligns with actual Denodo Platform usage, based on server uptime and core usage, ensuring cost-effective scalability.

A Shared Responsibility Model

The chart below outlines Agora's shared responsibility model. Understanding this division helps clarify the services Agora offers and the responsibilities customers maintain

Customer Managed	Application lifecycle: development, testing, tuning, development	User/Role Management and Privileges	Connectivity between Denodo and Customer systems	Customer Support tickets
	Server custom configuration and Resource Manager policies	Data encryption & Data Integrity	Networking Encryption between Denodo and customer systems	
Denodo Managed	Deployment of the specified configuration and capacity		Connectivity between Denodo components	Monitoring for proactive & reactive actions in availablity and security
	Updates and security patches	Backups	Network & Firewall Configuration	
	Component to component encryption	Encryption at rest	Component to component encryption	
	Compute	Storage	Networking	

The Architecture

The Agora architecture is structured into two distinct components: the Control Plane and the Execution Plane. This structure optimizes data management by enabling Agora to efficiently handle infrastructure and operational tasks while customers maintain control over their data and settings. This clear division supports streamlined operations and meets the modern security and operational demands of data management, enhancing the efficiency and effectiveness of both Denodo and its customers.
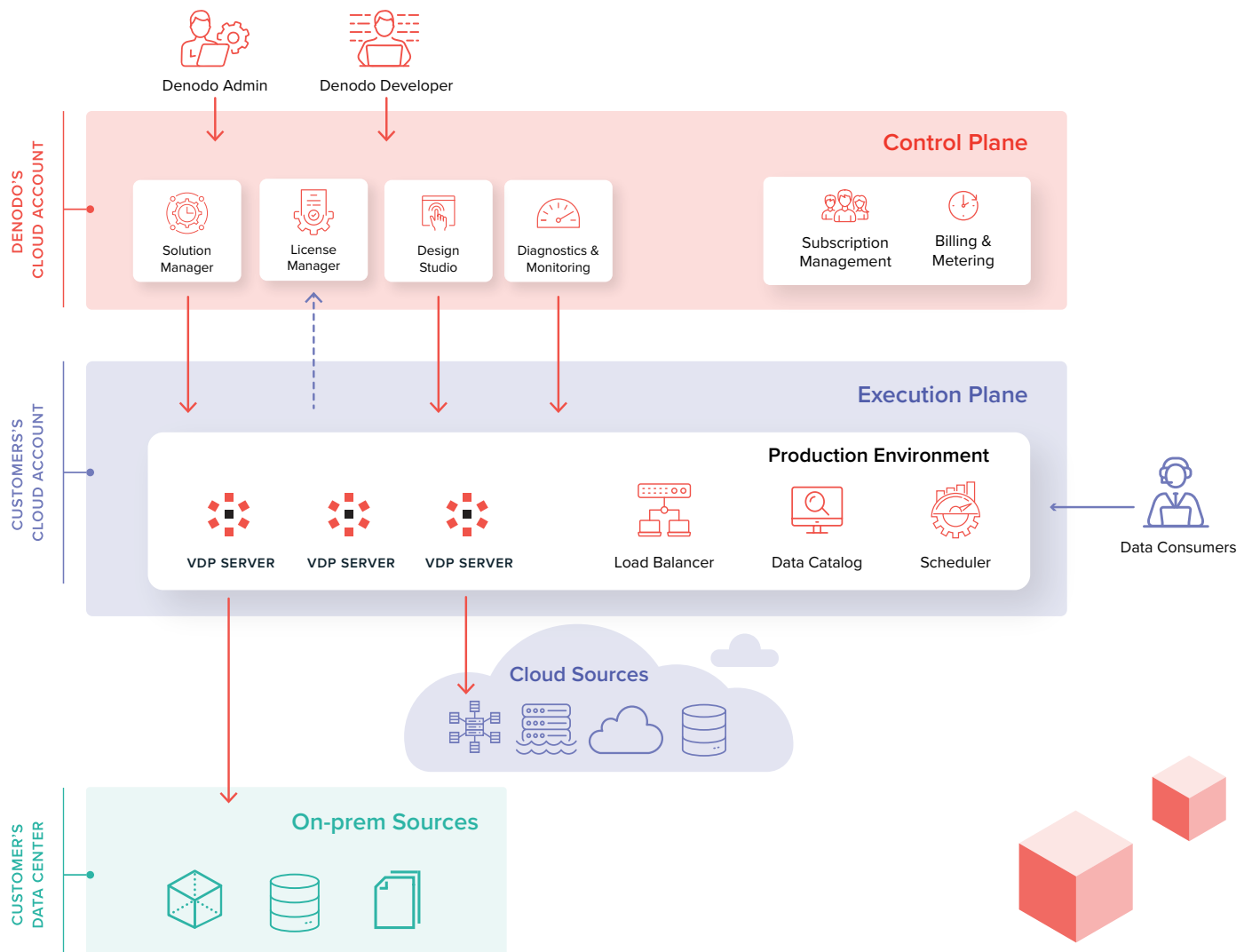
The Control Plane: This plane operates within Denodo's cloud environment and is managed exclusively by Denodo. It encompasses crucial data management services, including account and subscription management, and it integrates capabilities typically found in the Solution Manager, License Manager, Design Studio, and Monitoring and Diagnostics tools. The Control Plane serves as the nerve center for managing data models, optimizing system performance, administering user roles and security policies, establishing source connections, and customizing server settings, ensuring comprehensive data security and streamlined operations.

The Execution Plane: Operating within the customer's cloud account, the Execution Plane serves as the central hub for data processing. It contains the Virtual DataPort (VDP), Scheduler, and Data Catalog servers, and executes data integration and management tasks as defined in the Control Plane. This split design enables data to remain securely within the customer's environment, adhering to their security policies and compliance requirements. An additional security layer is applied, with communication from the Execution Plane to the Control Plane via a tunnel initiated by servers in the Execution Plane, eliminating the need for public IP addresses for resources in the execution plane. By reducing the need for extensive firewall configurations, this plane enhances network security and enables stricter access controls. The Execution Plane's structure not only fortifies the deployment's security posture but also eases compliance efforts and leverages existing security frameworks for more robust data protection.

The Power of Agora

Agora - The Denodo Cloud Service, marks a significant evolution in data management, extending the capabilities of the Denodo Platform into a cloud-based, fully managed service. It simplifies access to diverse data sources, enabling real-time insights with enhanced security.

Agora offers flexible deployment options, easy provisioning, and a cost-effective, consumption-based licensing model. Agora provides a scalable, secure, user-friendly solution to modern data management challenges, enabling organizations to focus on strategic initiatives and gain a competitive edge.

Recognized as a Leader by analysts

GARTNER
Leader in the 2023 Gartner® Magic Quadrant™ for Data Integration Tools

4th Consecutive

FORRESTER
Leader in The Forrester Wave ™: Enterprise Data Fabric, Q1 2024

3rd Consecutive

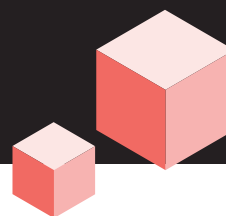### and customers agree

GARTNER
Customers' Choice in 2024 Gartner Peer Insights™ "Voice of the Customer": Data Integration Tools Report

4th Consecutive

denodo

Denodo is a leader in data management. The award-winning Denodo Platform is the leading logical data management platform for delivering data in the language of business, at the speed of business, for all data-related initiatives across the organization. Realizing more than 400% ROI and millions of dollars in benefits, Denodo's customers across enterprises in 30+ industries all over the world have received payback in less than six months.

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