

DataLakeHouses for AI-Powered Next Generation Applications

Platforms that store all data of an enterprise together to build its Next-Generation Applications, with a heavy focus on AI based Apps.

2025 CONSTELLATION SHORTLIST

The Constellation ShortList™ presents vendors in different categories of the market relevant to early adopters. In addition, products included in this document meet the threshold criteria for this category as determined by Constellation Research. This Constellation ShortList of vendors for a market category is compiled through conversations with early adopter clients, independent analysis and briefings with vendors and partners.

ABOUT THIS SHORTLIST

Bigdata platforms have been around since early 2010 – but adoption in enterprise has been challenging. First it was the issues with the open-source nature of the Bigdata vendors, then it was support and access issues of data lakes that created the moniker of data swamps.

Fast forward to 2025 and the rise of AI has made CxOs keenly aware that they need to have a single place where to bring structured and unstructured data together. And that place needs to be near where the cheapest compute is available and that is in the public cloud. It is the combination of the datalake and the lakehouse – so we call it the datalakehouse (DLH). CxOs will bring all their enterprise's data together in one place, creating a global data platform for all data needs of their enterprise. The benefits of a DLH go beyond AI, and AI fueled Next Generation Applications – they create a single place for all analytics, and single place where to run global applications (e.g. ERP, CRM etc.). As such DLHs create the go forward platform for the enterprise.

LIKE WHAT YOU SEE?

Consider partnering with Constellation Research on your go-to-market-strategy. Email ShortList@ConstellationR.com for more info.

To learn more about Constellation Research Shortlists visit:
www.constellationr.com/ShortList

11 SOLUTIONS TO KNOW

Constellation evaluates more than 40 solutions categorized in this market. This Constellation ShortList is determined by client inquiries, partner conversations, customer references, vendor selection projects, market share, and internal research.

 AKAMAI CONNECTED CLOUD

 AWS (MOSTLY S3)

 CLOUDER DATA PLATFORM (CDP)

 DATABRICKS LAKEHOUSE PLATFORM

 GOOGLE CLOUD BIGLAKE

 IBM WATSONX.DATA

 MICROSOFT - ONELAKE

 ORACLE - OCI DATA LAKE

 SAP - BUSINESS DATA CLOUD

 SALESFORCE - DATA CLOUD

 TERADATA - VANTAGECLOUD LAKE

THRESHOLD CRITERIA

Constellation considers the following criteria for these solutions:

- Transactional database(s) – native and / or 3rd party
- Analytical databases, data warehouses – native and / or 3rd party
- Object storage for all other data
- Present and operational in at least 4 continents
- Out of the box support to create AI powered applications, for 2025 that is agentic automation
- Ability to create the single analytical offering for the enterprise
- Application development capabilities for Next Generation Applications
- Same vendor applications are 100% integrated
- Out-of-the-box interfaces to 3rd party apps
- Integration capabilities for close to real-time integration with 3rd party apps
- Access and security controls
- Compliance and governance controls
- Over 2500 customers
- Over 2M users

ABOUT CONSTELLATION RESEARCH

As an award-winning Silicon Valley-based strategic advisory and futurist analyst firm, Constellation Research serves leaders and organizations navigating the challenges of digital strategy, business-model disruption and digital transformation. Constellation works closely with solution providers, partners, C-suite executives, board of directors, and its Constellation Executive Network of buy-side leaders to lead the way in research coverage and advise clients how to achieve valuable business results.

FREQUENCY OF EVALUATION

Each Constellation ShortList is updated at least once per year. Updates may occur after six months if deemed necessary.

EVALUATION SERVICES

Constellation clients can work with the analyst and the research team to conduct a more thorough discussion of this ShortList. Constellation can also provide guidance in vendor selection and contract negotiation.

BUSINESS THEMES

-  Future of Work
-  New C-Suite
-  Technology Optimization
-  Matrix Commerce



Holger Mueller

Vice President & Principal Analyst

Holger Mueller focuses on the synergies between people and software. As the hand-to-machine ratio radically changes over the next decade (primary factors: age dynamics and technology innovation), enterprises need to find the appropriate balance between changes in a dynamic workforce and the creation and adoption of next-generation applications, all determining the Future of Work and helping enterprises accelerate. Mueller provides strategy and counsel for key clients, including CTOs, CHROs and CIOs as well as investment analysts, VCs, PE firms and technology buyers.

