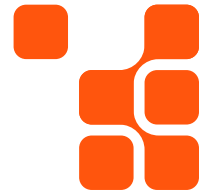


Turn Hybrid Complexity into Your AI Advantage with Cloudera + Microsoft



Make your data AI-ready. Wherever it lives.

Cloudera and Microsoft deliver a unified, governed cloud-anywhere data foundation that brings modern AI and analytics to all your data—wherever it lives—with one consistent platform experience.

The challenge

Your highest-value data may be out of reach for AI.

Enterprise AI initiatives consistently stall at the same point: the data with the most business value remains trapped on-premises, inaccessible to your Azure AI and analytics investments.

Three barriers can keep important data out of reach:

- **Hybrid complexity**
Mission-critical data cannot move to the cloud—whether due to regulatory requirements, data sovereignty mandates, or the cost and risk of migrating petabyte-scale workloads.
- **Governance gaps**
Security, access control, lineage, and compliance policies are inconsistent across on-premises and cloud environments, creating risk and slowing AI adoption. 52% of organizations say governance and compliance is what's holding back end-to-end data management.²
- **Inconsistent experiences across environments**
Cloud-native tools deliver modern capabilities in Azure but don't extend that same experience—or governance—to data that lives outside the cloud.

The result: AI initiatives wait months or quarters for data access. Modernization programs slow down. High-value use cases remain theoretical.

The solution

Cloudera delivers a unified, governed data platform that runs consistently across on-premises, Azure, and multi-cloud environments. It makes enterprise data accessible for AI, advanced analytics, and authorized users—without compromising security, compliance, or control.

What the solution enables:

- **One platform. Every environment.**
Get the same modern capabilities, tooling, and user experience across on-premises, Azure, and multi-cloud—not different features or compromises based on where data happens to live.
- **Consistent governance across environments**
Cloudera's SDX (Shared Data Experience) delivers unified security, access control, lineage, and metadata management from on-premises to Azure. One governance model. A unified audit trail. Full compliance confidence.
- **Secure, Private AI on Azure**
Run AI and machine learning on your most sensitive data without exposing it to public APIs or third-party models. Maintain sovereignty, meet regulatory requirements, and operationalize AI with confidence.

89%

of organizations embrace multi-cloud (a combination of multiple private clouds, multiple public clouds, and hybrid cloud)¹

93%

of organizations agree that multi-cloud and hybrid capabilities for data and analytics are key for an organization to adapt to change²

The Cloudera + Microsoft difference

Most platforms force you to choose:

- Cloud-only platforms require wholesale migration and can't govern hybrid environments
- Azure-native tools excel in the cloud but don't extend that experience to on-premise data estates
- Legacy vendors lack modern cloud capabilities and lock you into proprietary systems

Cloudera + Microsoft deliver hybrid by design—modern, cloud-native capabilities with consistent governance everywhere your data lives.

The impact

Faster AI operationalization

Access all your data—not just what’s already in Azure—for analytics, AI, and emerging agentic workloads. Eliminate the months-long wait for data access.

Lower risk

Unified governance reduces compliance exposure, improves auditability, and gives you consistent security across every environment where data lives.

Better ROI

Reduce total cost of ownership by up to 75% compared to cloud-only platforms at petabyte scale. Optimize workload placement based on cost, performance, and compliance requirements.

Unlock new value

Make high-value on-premises data available for Azure AI without forcing wholesale cloud migration. Start generating AI-driven insights from your entire data estate.

The proof

Cloudera manages nearly 30 exabytes of data for the world’s largest enterprises—proving scale capabilities across the world’s most complex enterprise data environments.

Forrester-recognized leadership

Named a Leader in the Forrester Wave™ for Data Fabric Platforms,⁴ with hybrid capabilities cited as a key differentiator for managing complex, regulated data estates.

Regulated industry trust

Trusted by financial services, healthcare, government, and manufacturing to run mission-critical, compliance-sensitive workloads at scale on Azure.

Real cost savings

Customers achieve measurable TCO reduction through workload optimization, hybrid flexibility, and consolidated platform architecture.

Up to

75%

reduction in TCO vs. cloud-only platforms³

Sources

- ¹ Flexera, State of the Cloud Report, 2024
- ² IDG Communications, CIO Whitepaper, 2024
- ³ “Understanding the Total Cost of Inferencing Large Language Models,” Enterprise Strategy Group (commissioned by Dell Technologies and distributed under license from TechTarget, Inc.), April, 2025
- ⁴ Cloudera Named a Leader in the 2025 Forrester Wave for Data Fabric Platforms

Ready to unlock your hybrid data estate for Azure AI?

Connect with the Cloudera and Microsoft team to explore how this platform can accelerate your AI and modernization initiatives.

CLOUDERA

Cloudera contact:

Matt Rollender, VP, Global Cloud
and Strategic Partners
mrollender@cloudera.com



Microsoft contact:

Stephanie Martin,
Partner Strategy Lead
stepma@microsoft.com

Reach out to Alex Wagman (awagman@cloudera.com) directly to engage on specific opportunities or to connect with the Cloudera sales team.

To learn more about how Cloudera and Microsoft Azure are enabling governed hybrid data and AI for regulated industries, visit www.cloudera.com/partners/solutions/microsoft.html or explore our resources on hybrid data modernization: www.cloudera.com/products/cloudera-data-platform.html.