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**OVERVIEW**

# Pentaho Platform: Innovate With Data.

**Intelligent Data Management  
for Digital Innovation.  
Across Multicloud, Core and Edge.**

**In today's hyper-competitive business, disruption is increasingly common. Will your organization be disrupted, or will you disrupt others? Data-driven digital transformation improves customer experiences, drives efficiencies and enables new business models.**

Innovate your data management with Hitachi Vantara's Pentaho intelligent DataOps platform. Collaborative and automated data operations provide the right data, at the right place, at the right time—with the right quality.

# Know Your Data, Trust Your Data, Create Data Value - Data Experienced

As a data leader you need data operations to be frictionless. You need to create consistent experiences, empower your business with the right data at the right time, and connect apps, processes and people with trusted data. And, do it all while optimizing for cost take-out and protecting sensitive data.

DataOps is here to help. It unlocks business value by operationalizing data management with automation and collaboration. It brings agile principles to data by improving cross-functional collaboration, integration, governance and automation with the right quality. It delivers the right data to the right place at the right time.

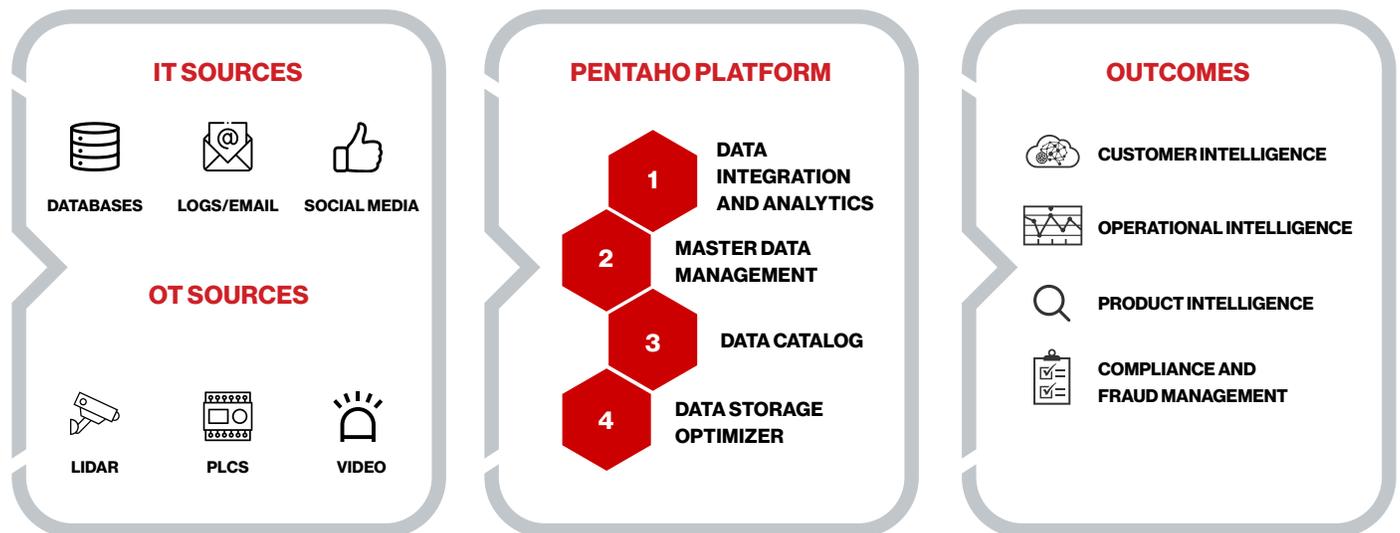
Hitachi's Pentaho platform portfolio works with your chosen cloud hyperscalers, and your data lakes, data warehouses, and databases. With DataOps you modernize your data tools and processes without disrupting your day-to-day business operations.

## Data Experienced

Accelerate strategic data value with an intelligent data operations platform unifying all data across your data estate. Pentaho helps customers deliver trusted data for improved agility, revenue growth and improved customer experience by automating the end-to-end data management from capture all the way to publish.

**“DataOps is an agile, process-oriented methodology for developing and delivering analytics. It brings together DevOps teams with data engineers and data scientists to provide the tools, processes and organizational structures to support the data-focused enterprise.”**

Source: CIO.com, What is DataOps? Collaborative, cross-functional analysis, Thor Olavsrud, December 22, 2022



# Hitachi Vantara's Pentaho Platform: Automated and Collaborative Approach to DataOps

**Pentaho delivers intelligent data management to data professionals building data products for managing all data from capture to publish. Unlike point tools and technologies, Pentaho delivers trusted data for accelerated business agility, lower TCO and better customer experience.**

## Packaged Data Products, Fast To Deploy

Unlike proprietary do-it-yourself (DIY) approaches tying up developer talent and creating hard-to-maintain silos, Pentaho platform products are packaged, prevalidated and ready to deploy. Low- and no-code environments engage business users and data managers, alike.

**Deploy solutions in days or weeks, rather than months. Realize faster returns on your investments. Build a sustainable data infrastructure that scales with your needs.**

## Automated, Intelligent and Collaborative

The combination of rule-based systems, machine learning (ML) and processing engines automates formerly manual tasks, such as metadata tagging or artificial intelligence (AI) model testing. And, collaboration features drive cross-team engagement and trust in data.

**Make the power of AI and social-media type collaboration work for you. Intelligent engines and collaboration-friendly user experiences drive productivity and foster trust and user engagement.**

## Enterprise Scale and Security

Metadata-driven templates, load-adaptive execution logic, and multicloud deployment options let you manage data at scale. Versioning simplifies change management, and data flow monitoring drives operational rigor. Integrate with your access control and security products.

**From startup to Fortune 500 enterprise, Pentaho products are deployed and trusted by thousands of customers worldwide, including for some of the most demanding production data operations.**

## Open Architecture: Better Together

Hitachi's Pentaho offers data products that integrate with your systems through open APIs and hundreds of prebuilt integration adapters. It provides multiple runtime engines, including open source Spark and Kettle. The Pentaho platform isn't monolithic: It works with your systems, to build your data fabric.

**Manage an intelligent edge-to-cloud data fabric that incorporates your systems, clouds and applications, and your users' favorite analytics, data science and business intelligence (BI) tools.**

## Deploy in the Cloud, On Premises or at the Edge

Pentaho data products commonly are deployed in the public cloud (such as Amazon Web Services, Microsoft Azure or Google Cloud Platform), the private cloud or data center, and even the IoT edge. Hitachi Vantara even provides prequalified storage and hyperconverged infrastructure systems.

**Run Pentaho data products wherever you want, including hybrid cloud. Pentaho products support flexible deployment options, including cloud, data center, branch office or IoT edge.**

## Trusted Partner for Innovation

Hitachi Vantara is your trusted partner for data-driven innovation, and digital transformation. We assist you through every step of your journey, from business strategy to data strategy and solutions implementation. And, Hitachi Vantara partners with other leaders and innovators in the industry to deliver on your specific needs.

**Partner with Hitachi Vantara or one of our many partners to accelerate and safeguard your journey for digital transformation.**

# Get Targeted Answers to Your Data Needs

**Build and manage your connected data fabric, deliver trusted data through governance and compliance, and implement an AI/ML driven cognitive automation strategy. Deploy intelligent DataOps and start innovating with data.**

## Integrate Data from IT/OT Sources

Ingest, cleanse, blend and load data from various edge, on-premises and cloud repositories of IT and OT sources like databases, warehouses, lake houses as well as documents like Word, PDF, Excel, email etc.

## Migration, Consolidation and Data Tiering

Accelerate your data modernization journey across on-premises and cloud through automated classification, quality assessment, data deduplication and application retention policies allowing easier decommissioning of legacy data stores.

## Intelligent Compliance and Data Archiving

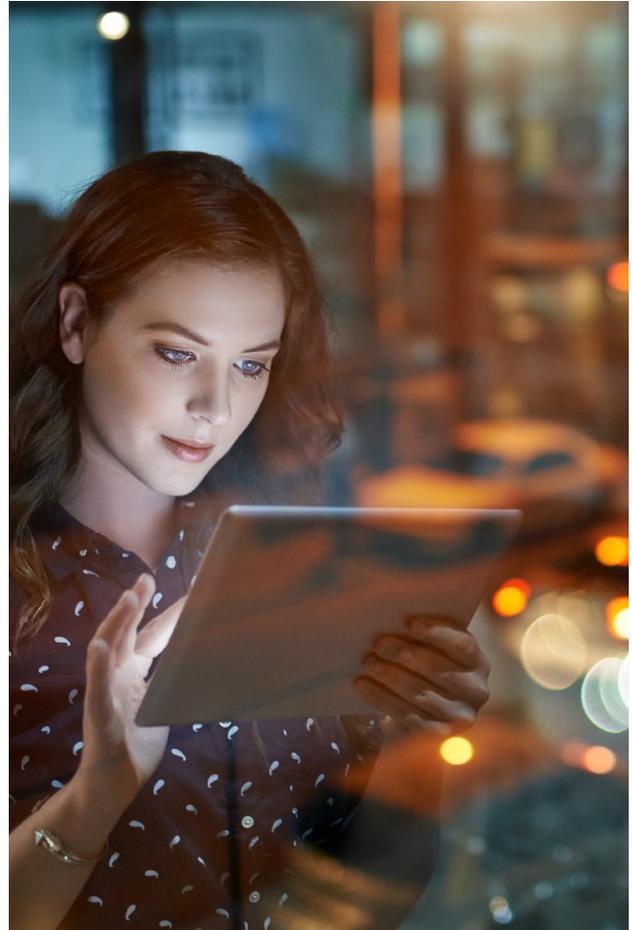
Automate the process of long term data management through application of business rules for retention, archive and protection in accordance to governance and compliance policies.

## Data Optimization for Self-Service

Provisioning data in to an operational data layer to empower your business community to search, discover, visualize and prepare data for reporting purposes resulting in high quality data for faster time to value.

## Data Mastering and Householding

Easily and automatically find duplicate and redundant data through data mastering rules to create a single source of truth to drive business operations, insights and automation.



## ABOUT HITACHI VANTARA

Hitachi Vantara, a wholly-owned subsidiary of Hitachi Ltd., delivers the intelligent data platforms, infrastructure systems, and digital expertise that supports more than 80% of the Fortune 100. To learn how Hitachi Vantara turns businesses from data-rich to data-driven through agile digital processes, products, and experiences, visit [hitachivantara.com](https://hitachivantara.com).

## Watch Video →

Learn more about how you can intelligently manage all data from capture to publish with Hitachi Vantara's Pentaho Products.



**Corporate Headquarters**  
2535 Augustine Drive  
Santa Clara, CA 95054 USA  
[hitachivantara.com](https://hitachivantara.com) | [community.hitachivantara.com](https://community.hitachivantara.com)

**Contact Information**  
USA: 1-800-446-0744  
Global: 1-858-547-4526  
[hitachivantara.com/contact](https://hitachivantara.com/contact)

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