

Pentaho Data Integration for Big Data

Best Practices for Integrating Hitachi Vantara's Pentaho Platform Into Your Big Data Environment

CUSTOMER SUCCESS PACKAGE

Do you want to bring data integration into your big data environment? Are you looking to efficiently onboard data to Hadoop, while improving the productivity of your big data developers? Hitachi Vantara has created the ideal big data customer success package, anchored on our Pentaho Data Integration (PDI) solution.

The Pentaho Data Integration for Big Data customer success package gives you an opportunity to collaborate with Pentaho experts. These skilled professionals help you to architect, implement and deploy a solution that will provide a full array of big data business analytics. Our flexible data integration software delivers insight when and where you need it.

Phase 1 – Workshop

During the workshop phase, we collaborate with your team to architect a solution that integrates the Pentaho platform into your environment. In this hands-on workshop, we explore the best way to deploy the product's architecture to meet your technical and functional requirements. We use a standard application design methodology that helps you reduce your development costs and time to market. This method includes the following steps:

1. Review and discuss project requirements, including deadlines and milestones.
2. Participate in architecture discussions that provide performance, development and maintenance cost tradeoffs between the various techniques of integrating or extending the product.
3. Create a high-level project plan that outlines the tasks and deliverables necessary to satisfy your requirements.

Details of Hitachi Vantara's Big Data Solutions Architecture workshop and other workshops can be found at: www.hitachivantara.com/en-us/services/big-data-analytics-services.html.

Phase 2 – Installation and Operations

During the second phase, Hitachi Vantara works with you to install Pentaho Data Integration in your development and test environments.

Combining traditional installation and configuration activities with a structured consulting engagement plan allows you to successfully prepare and build a data integration solution based on the Pentaho platform. We train the operations team on how to successfully manage and monitor the Pentaho environment from both developer and administrator perspectives.

This Success Package Includes:

Workshop

Installation and operations

Extract, transform, load (ETL) mentorship

Engagement management

Who Should Be Involved?

Project sponsor

Business end users

Technical architects

Technology leaders and stakeholders

Developers

Project team leaders and members

Phase 3 – ETL Mentorship

In the ETL mentorship phase, we provide hands-on mentorship to your technical team by sharing best practice design and development techniques while creating Pentaho Data Integration jobs and transformations. Key steps include:

- Design and build PDI jobs and transformations to load target data structures from source data based on your supplied mappings.
- Conduct best practice ETL design and development knowledge transfer to your technical team.

Engagement Management

Hitachi Vantara assigns your organization an engagement manager to facilitate the project and serve as the point of contact. The engagement manager works with our consultants to guide your team through all phases of the effort. Our engagement management model consists of the following elements:

- Pre-engagement and kickoff meetings to review project requirements, introduce each party's engagement resources and determine project logistics, such as location and timing of services.
- Collaboration with you to ensure availability of the necessary technical environment required to implement the product.
- Change management to help individuals and teams in your organization prepare for and adopt the new data program.
- Engagement closure and acceptance.

Training

Before the start of your project, we recommend key users participate in several available Hitachi Vantara training courses. Training is essential in helping your project team learn basic business intelligence terminology and key concepts of data integration, as well as how to successfully manage and administer the product.

We offer a variety of training programs for different types of users. A minimum of eight training credits* are required for the following courses:

Course	Duration (Days)	Business User	Business Analyst	Data Analyst	Software Architect	Hitachi Admin.	Hitachi Support
AD1000 Installation and Administration	2					•	
SP1000 Support and Troubleshooting	1					•	•
DI1000 Pentaho Data Integration Fundamentals	3			•			
DI2000 Pentaho and Hadoop Framework Fundamentals	2			•			

* One training credit per person, per day (duration)

Benefits

Faster time to market reached via the experience of the enterprise architect, who guides you through the integration

Reduced maintenance cost achieved through understanding best practices for big data engineering and design

Insight into the Hitachi Vantara product road map

Developer and administrator mentoring sessions

Development jump-start to accelerate your team's adoption of Pentaho big data technology

Knowledge transfer to all product users

Training courses include lectures and hands-on exercises that teach core concepts and implementation practices. Training takes place in a Hitachi Vantara classroom or in a classroom designed by Hitachi Vantara at an organization's site to reduce environment setup time and ensure a consistent experience for each student.

Choose either a public or private course. Private sessions are optimal for organizations with more than five students. Public courses are available in a classroom setting and online.

Hitachi Vantara also offers three certification programs: Business Analytics, Data Integration and Solution Architect. Details of Hitachi Vantara's certification programs can be found at www.hitachivantara.com/en-us/services/training-certification.html.

"We would be dead in the water without Pentaho. Getting an initial consulting and education helped us not only to get up and running pretty rapidly but also to gain the confidence we needed to have on the full power behind Pentaho. We can easily say that having an initial architecture discussion allowed us to go to market three months ahead of schedule."

- Matt Boisvert, Co-Founder and COO, Pharos Resources

Duration

25 Consulting Days

Package Prerequisites: Requirements and Skills

Overall vision of the solution

Project goals and objectives

High-level requirements, plans and road map

Hardware environment is available and set up

Participation of all key stakeholders and decision-makers

Administrator and key project team members have been assigned and allocated

Representation from all impacted technology and operational groups

We Are Hitachi Vantara

Get Your DataOps Advantage, connecting data consumers with data creators. Accelerate your collaboration and digital innovation with one great solution partner.

Hitachi Vantara



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