

# Pentaho Platform for Data Integration and Business Analytics

Best Practices for Integrating Hitachi Vantara's Pentaho Platform Into Your Application

## CUSTOMER SUCCESS PACKAGE

Are you seeking to build a complete analytics solution into your data and business analytics environment? With compelling visuals, open architecture and an integrated suite of capabilities, including data access, integration and discovery, Hitachi Vantara's Pentaho platform provides an ideal solution.

The Pentaho Platform for Data Integration and Business Analytics customer success package gives you an opportunity to collaborate with Pentaho experts. Our skilled professionals help you architect, implement and deploy a solution that provides a full array of enterprise business analytics, delivering 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 Pentaho into your environment. In this hands-on workshop, we explore how to best 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, extending or embedding the technology.
3. Create a high-level project plan that outlines the tasks and deliverables necessary to satisfy your requirements.

Details of Hitachi Vantara's Solution Architecture workshop and other workshops can be found at: [www.hitachivantara.com/en-us/services/big-data-analytics-services](http://www.hitachivantara.com/en-us/services/big-data-analytics-services).

## Phase 2 – Installation and Operations

During the second phase, we work with you to install Pentaho Business Analytics in your development and test environments. Integrating traditional installation and configuration activities with a structured consulting engagement plan allows you to successfully prepare and build a business intelligence and data integration solution based on Pentaho Business Analytics.

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

Business analytics mentorship

Engagement management

## 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 (PDI) 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.

## Phase 4 – Business Analytics Mentorship

During Phase 4, Hitachi Vantara provides hands-on mentorship to your technical team by sharing best practice design and development techniques while creating Pentaho Business Analytics content. Key steps include:

- Create online application processing (OLAP) cubes.
- Create metadata models.
- Create reports and/or dashboards.
- Demonstrate and refine content.

## 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 Pentaho consultants to guide your team through the all phases of the effort. Our engagement management model consists of the following elements:

- Pre-engagement and kickoff meetings to review 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 by to implement the product.
- Change management to help individuals and teams in your organization prepare for and adopt the new data platform.
- Engagement closure and acceptance.

### Who Should Be Involved?

Project sponsor

Business end users

Technical architects

Technology leaders  
and stakeholders

Developers

Project team leaders  
and members

# Training

Before the start of your project, we recommend that 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 the data integration and business analytics platform as well as how to successfully manage and administer the product.

We offer a variety of training programs based on different types of users. A minimum of 11 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					●	●
BA1000 Business Analytics User Console	1	●	●	●		●	●
BA2000 Business Analytics Report Designer	2		●				●
BA3000 Business Analytics Data Modeling	2		●	●			●
DI1000 Pentaho Data Integration Fundamentals	3			●			

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

Training courses include lectures and hands-on exercises that teach core concepts and implementation practices. Training may take 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 our certification programs can be found at:

[www.hitachivantara.com/en-us/services/training-certification](http://www.hitachivantara.com/en-us/services/training-certification).

## Benefits

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

Reduced maintenance costs achieved through understanding best practice Pentaho data integration and business analytics design and development

Insight into the Hitachi Vantara product road map

Developer and administrator mentoring sessions

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

Knowledge transfer to all product users

## Duration

20 Consulting Days

“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

### 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

### Hitachi Vantara at a Glance

Your data is the key to new revenue, better customer experiences and lower costs. With technology and expertise, Hitachi Vantara drives data to meaningful outcomes.

## Hitachi Vantara



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