



Jumpstart Services

Jumpstart your big data implementation of Microsoft Analytics Platform System by Dell

Generate new insights to measure, predict and influence business outcomes using a next-generation data warehouse.

Key benefits:

- Dramatically improve the performance of your current data warehouse and business intelligence solutions
- Utilize a scalable, highly available and easily supported data warehouse
- Reap the greatest benefits from the volume, speed and variety of big data available today—whether it be SQL, Hadoop or cloud-based
- Justify your technology and platform investment in APS through a return-on-investment (ROI) analysis
- Develop a strategic roadmap for implementation
- Integrate auxiliary components for backup and data landing

Gain the maximum value from large volumes of data

With the data explosion in enterprises today, your success depends on finding efficient ways to incorporate meaningful insights into your decision-making process. High-volume transactional data, social media, web logs and other common data types can help you improve your organization's performance; but only if the data can be acquired, processed and made available in a timely, relevant and actionable manner.

Jumpstart your journey to an efficient, scalable data ecosystem

Whether you've outgrown your legacy relational databases (symmetric multiprocessing or SMP), want to consolidate data mart sprawl or need to develop a complex business intelligence ecosystem, Dell Analytics Platform System (APS) can help. This Dell solution architecture brings together hardware and software to meet your Big Data and business intelligence needs, while Dell Jumpstart Services for APS can get your implementation off the ground. Our experts will enable you to design, pilot and implement a next-generation data warehouse solution. Drawing on our deep expertise with APS (formerly PDW), massive parallel processing (MPP) architecture and SQL Server technologies, we are uniquely positioned to provide end-to-end value with proven reference architectures and world-class implementations.

We can help you by...

- Evaluating, assessing and designing a complete Big Data solution for business intelligence using reference patterns, architectures and toolsets.
- Providing quick ramp-up services with APS for a standard implementation, while equipping you with the skills and design patterns you need to complete and customize your solution.
- Designing and implementing enterprise business intelligence (BI) solutions based on APS and customized to your needs, including:
 - High availability and high-speed data transformation (Extract, Transform and Load or ETL)
 - Integration of Internet of Things (IoT) data streams

Dell offers end-to-end capabilities for Big Data, Data Warehouse and IoT Solutions



Purpose-built hardware

APS, servers and storage



Unstructured data solutions

Hadoop reference architecture and cloud aggregation



Advanced analytics

Predictive analytics software and services



Systems integration

Training and implementation services

– Predictive analytics and integration of relational and non-relational data (Hadoop)

Dell APS Customer Briefing and Workshop (half-day)

During this workshop, we educate your stakeholders about the Dell APS platform, review your BI and data warehousing challenges and explain how Dell APS can best help your organization. We also review options for high availability, disaster recovery, data load designs, reporting and data presentation.

In this collaborative workshop, we discuss your data and data warehouse goals and deliver our recommendations for the next step and a high-level implementation plan.

Dell Basic Jumpstart Services for APS (3 weeks)

This engagement begins with training, followed by architecture design and planning workshops to help you quickly realize the value of APS.

Our team works with you to design a complete data warehouse architecture that will scale as your business grows. We explore best practices, reference architectures and other technologies such as cloud services, BI visualization and integration of Hadoop.

We review maintenance routines as well as best practices and design patterns for querying and reporting from the new schema.

The session concludes with our providing an architectural design and implementation roadmap to help you achieve your enterprise BI goals, along with lab sessions to demonstrate these principles using your data.

Dell Enhanced Jumpstart Services for APS (approximately 12 weeks)

During this engagement, we take your team from initial appliance setup to pilot to production implementation of predefined use cases or workloads.

We cover the base implementation and configuration of APS, along with an overview of the APS fundamentals, as we do in the Basic Jumpstart Services for APS program.

From here, we review your specific needs to realize the true value of APS. This may include migration from another platform, integration of data from disparate sources, query optimization between APS and Hadoop data or advanced analytics and data visualization for your end users.

Big data	Advanced analytics	Business intelligence	Migration and modernization	Cloud services
Drive insights with best-of-breed Hadoop solutions to improve business outcomes either in the cloud or with Hadoop reference architecture connected to APS	Analyze, manage, visualize and mine data with Dell Statistica software, which simplifies predictive modeling and can turn data into your biggest competitive advantage	The Dell Microsoft Business Intelligence (BI) practice can help you utilize the entire suite of components needed for enterprise BI (ETL, visualizations, reporting and portals)	Uplift and migrate from legacy database architecture or other MPP systems to feature rich versions of a modern data warehouse on-premise and in the cloud	Dell can help you drive cost efficiencies with an elastic on-demand ecosystem that blends cloud-based integration strategies and on-premise solutions

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For more information about Analytics Platform System by Dell, please visit dell.com/microsoft

