Hortonworks
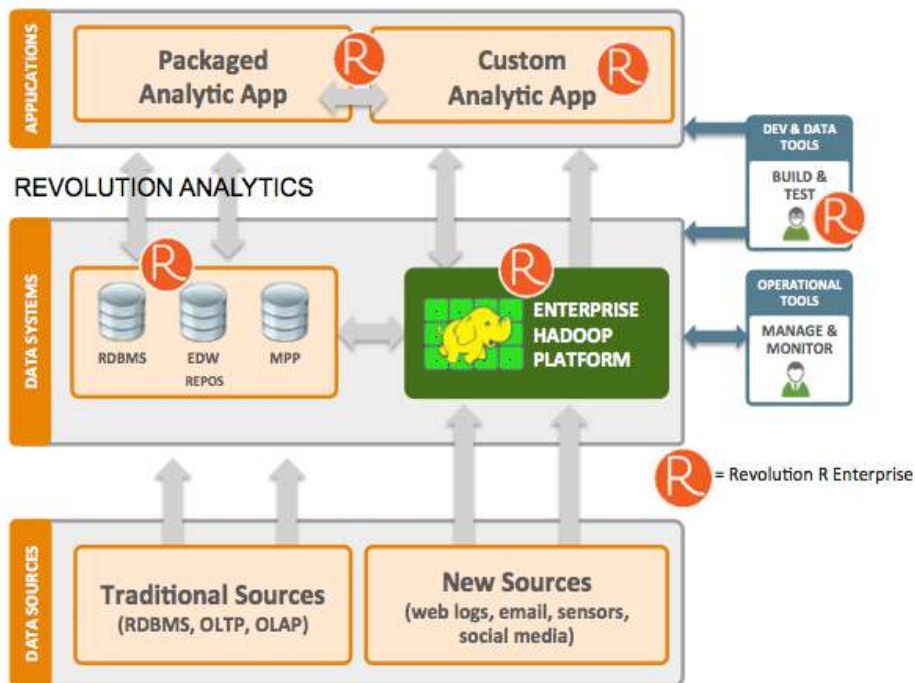
Partner Brief:

The Modern Data Architecture with Revolution Analytics & Hortonworks

Hortonworks and Revolution Analytics have teamed to bring the predictive analytics power of R to the Modern Big Data Architecture. Revolution R Enterprise, the Big Data Big Analytics platform powered by R (the open source statistical scripting language used by more than two million people), runs natively in Hortonworks HDP, allowing organizations to simply move their R-powered analytics to Hadoop for the first time. R has never been so scalable, portable or easy to use for high-performance predictive analysis in Hadoop.

The Modern Data Architecture with Revolution and Hortonworks Data Platform

Features & Benefits of Combined Solution

- **R-powered Big Data Analytics deployed in Hadoop speeds model development**

- **Easy to use Revolution Analytics' library of Big Data Big Analytics algorithms or use any R script without having to learn to write MapReduce**

- **High-performance R analytics that scale with the size of your Hortonworks environment**

About Revolution Analytics

Revolution Analytics is the leading commercial provider of software and services based on the open source R project for statistical computing. The company brings high performance, productivity, and enterprise readiness to R, the most powerful statistics language in the world. Revolution Analytics is committed to fostering the continuous growth of the R community, the use of R In academia and the ability for enterprises to evolve to R.

Features and Benefits

Speed and Performance at Scale
In-Hortonworks analytics speeds the development and deployment of accurate predictive models. Moving the analytics to the data in Hortonworks platform eliminates data latency and allows data analysts to utilize all the data in their model.

Leverage R for Big Data Big Analytics
Revolution Analytics and Hortonworks Data Platform give R users a number of options for using R for Big Data Big Analytics. Users can utilize a library of Big Data Big Analytics-ready algorithms in Revolution R Enterprise ScaleR, or utilize DistributedR's work distribution capabilities deploy nearly any R script in HDP.

Integration into the Modern Data Architecture
Enterprise R, Big Data Big Analytics platform, integrates with data sources, rules engines, transaction systems, Business Intelligence tools and Excel to better inform the systems and people that drive the business. Enterprise R enables Hortonworks to build models that are deployed elsewhere or generate new, scored or prediction data that is fed to another database to be used by rules engines in CRM systems, websites, claims systems, etc.

Accelerated Time to Value
By bringing together two million R users with the work of countless hundreds of others embodied in freely available algorithms and by eliminating model re-coding, Revolution R Enterprise reduces the amount of time required to deploy analytics.

Revolution Analytics is a Certified Technology Partner
Revolution is a Certified Technology Partner on Hortonworks Data Platform (HDP). The Hortonworks Certified Technology Program reviews and certifies technologies for architectural best practices, validated against a comprehensive suite of integration test cases, benchmarked for scale under varied workloads and comprehensively documented.

For additional questions, contact:

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About Hortonworks
Hortonworks develops, distributes and supports the only 100-perecent open source distribution of Apache Hadoop explicitly architected, built and tested for enterprise-grade deployments.