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Solix Announces Solix Big Data Suite: First ILM Application Framework for Enterprise Analytics on a Petabyte Scale

Solix Enterprise Data Lake and Solix Enterprise Archiving applications improve enterprise analytics, data governance and reduce costs; Highly scalable enterprise storage platform for both structured and unstructured data is based on Apache Hadoop

July 30, 2014 -- Santa Clara, CA -- Solix Technologies, Inc. (solix.com), a leading provider of Enterprise Data Management (EDM) solutions, announced today the Solix Big Data Suite, a next-generation Enterprise Archiving and Enterprise Data Lake application platform for Apache Hadoop. Solix Big Data Suite provides secure, compliant, low cost, bulk data storage for enterprise analytics applications and archives enterprise applications on a petabyte scale.

The new Solix Big Data Suite provides an Information Lifecycle Management (ILM) framework to govern enterprise data and analytics applications and Apache Hadoop as a nearline repository to store less frequently accessed data. Moving less frequently accessed data to a nearline repository improves production application performance, reduces infrastructure costs and enables powerful big data analytics opportunities.

Solix Big Data Suite with Apache Hadoop provides:

- **Enterprise Analytics** – "As is" data repository reduces ETL workload and enables distillation of data by end users to create more specific views of data
- **Secure, Low Cost, Bulk Data Storage** – The Hadoop Distributed File System (HDFS) offers a unified nearline storage platform for structured and unstructured data bringing diverse users and application workloads to one pool of data for ongoing access and later use by enterprise data warehouse applications
- **Compliance** – An ILM framework for data security, classification, retention management and legal hold
- **Scalability** – Based on the MapReduce programming model to process large data sets across distributed compute nodes in parallel, Hadoop provides advanced data storage with extreme scalability, high-availability, fault tolerance, automated backup and disaster recovery
- **Open Source Apache Hadoop** – The Apache Hadoop framework is an industry standard, and open source ensures your enterprise data management system remains secure and accessible at the source code level

Solix Enterprise Data Lake

Enterprise Data Warehouse (EDW) users continually seek better, more specific descriptions of their data, as top-down canonical views of data rarely meet end user requirements. The Solix Enterprise Data Lake provides a copy of production data and stores it "as is" in HDFS as highly scalable, low cost, bulk storage. This simple COPY process eliminates the need for heavy extract transform load (ETL) processing during ingestion. Once resident within the Hadoop file system (HDFS), enterprise data may be better described or transformed later for use with business analytics applications.

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The Solix Enterprise Data Lake employs an Information Lifecycle Management (ILM) framework to meet governance, risk and compliance objectives and ensure that best practices for data retention and classification are deployed. ILM policies and business rules may be pre-configured to meet industry standard compliance objectives such as COBIT or custom designed to meet more specific requirements.

Solix Enterprise Archiving

By providing a nearline repository for archiving and retirement of enterprise applications, the Solix Big Data Suite improves production application performance, reduces infrastructure costs and helps meet compliance goals. Online enterprise data is first moved and then purged from its source location according to ILM policies for governance, risk and compliance.

Data archiving best practice requires that MOVE and PURGE processes be coordinated and validated. Solix Enterprise Archiving ensures proper data governance since enterprise data is ingested and stored based on retention policies and business rules. Archive data is classified for security and compliance requirements such as legal hold, and universal access to all data is provided through structured queries, reports and full text search for business objects.

"Everybody wants more value from their data," commented Sai Gundavelli, Founder and CEO, Solix Technologies, Inc. "We have designed Solix Big Data Suite to meet the expanding needs of our enterprise customers for robust data management and enterprise analytics wrapped in an ILM framework to deliver the best insights on your data."

"The explosion of both structured and unstructured data is driving adoption of a new enterprise blueprint to enable growing amounts of enterprise data to be stored more reliably and to provide low cost, bulk storage and enterprise analytics," commented John Ottman, Executive Chairman, Solix Technologies, Inc.

"By 2016, 75% of structured data archiving applications will incorporate support for big data analytics," wrote Garth Landers, Research Director, Gartner, et al.*

"The Solix Big Data Suite makes the high-volume extraction and retirement of machine data simple," commented Giri Chodavarapu, Vice President of Global IT at Finisar. "With these larger data sets, we are able to perform meaningful analysis and leverage existing tools to determine root cause analysis and find defects."

Learn More About Solix Big Data Suite:

For a more detailed information about Solix Big Data Suite, visit: http://www.solix.com

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About Solix Technologies, Inc.

Solix Technologies, Inc., the leading provider of Enterprise Data Management (EDM) solutions, is transforming information management with the first enterprise archiving and data lake application suite for big data: The Solix Big Data Suite. Solix is helping organizations learn more from their data with enterprise analytics and achieve Information Lifecycle Management (ILM) goals. The Solix Enterprise Data Management Suite (Solix EDMS) and Solix Enterprise Standard Edition (SE) enable organizations to improve application performance, meet compliance objectives and reduce the cost of data management across the enterprise. Solix Technologies, Inc. is headquartered in Santa Clara, California and operates worldwide through an established network of value added resellers (VARs) and systems integrators.

About TechNVision Ventures Limited:

TechNVision Ventures Limited is a pioneer in creating next generation enterprise software businesses. We innovate, incubate new ideas and foster entrepreneurship in the emerging areas of technology, Solix Technologies Inc. is an affiliate of TechNVision Ventures Limited.

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*Gartner Magic Quadrant for Structured Data Archiving and Application Retirement, **11 June** 2014. ID:G00262007

Analyst(s): Garth Landers, Alan Dayley, Sheila Childs

http://www.gartner.com/technology/reprints.do?id=1-1W08UHY&ct=140626&st=sb