

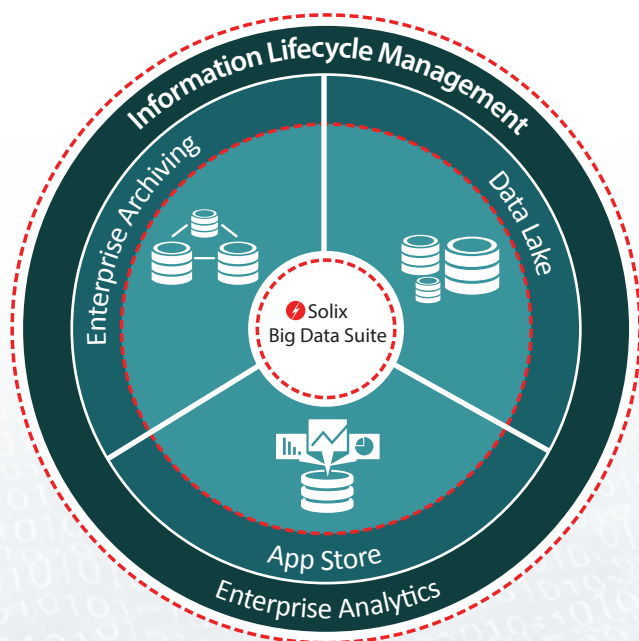
# Solix Data Lake

## SOLIX DATA LAKE

CIOs are in a difficult position. The demands for operational efficiencies and improved enterprise data warehouse (EDW) results seem to be odds. EDW users continually seek better ways to describe data, challenging EDW platforms to deliver highly specific data views that meet end user requirements. Canonical, topdown enterprise views may not satisfy requests for more specifically described data, and too often fail to meet end user expectations.

At the same time data growth increases data governance risk and compliance concerns as volumes of enterprise data are stored in bulk to reduce costs.

Solix Data Lake reduces the complexity and processing burden to stage EDW and analytics applications, and provides highly efficient, bulk storage of enterprise data for later use when it is needed. Solix Data Lake provides a copy of production data and stores it “as is” in bulk for later use. The simple COPY process eliminates the need for heavy extract transform load (ETL) processing during ingestion.



## HIGHLIGHTS

- An Information Lifecycle Management (ILM) framework for data governance and compliance.
- One repository handles structured and unstructured data on a petabyte scale.
- Light weight ETL process to simplify staging for enterprise analytics
- Archive or Retire less frequently accessed data to nearline storage.

Solix Data Lake also provides a unified ILM framework for all enterprise data — structured and unstructured — to deliver an integrated platform for data governance including legal hold, retention management, eDiscovery, and auditing.

## CAPTURE. ORGANIZE. ANALYZE.

Solix Data Lake creates a unified repository to capture all enterprise data and optimally organize it for enterprise analytics applications. Once resident within the Hadoop file system (HDFS), enterprise data may be more easily distilled and better described at petabyte scale by business analytics applications such as those available from the Solix App Store.

Solix Data Lake integrates all sources of structured and unstructured data. A copy of production data is stored “as is” to be better described and distilled later. 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 better described or transformed later for use with business analytics applications such as those available from the Solix App Store.

## SOLIX DATA LAKE BENEFITS

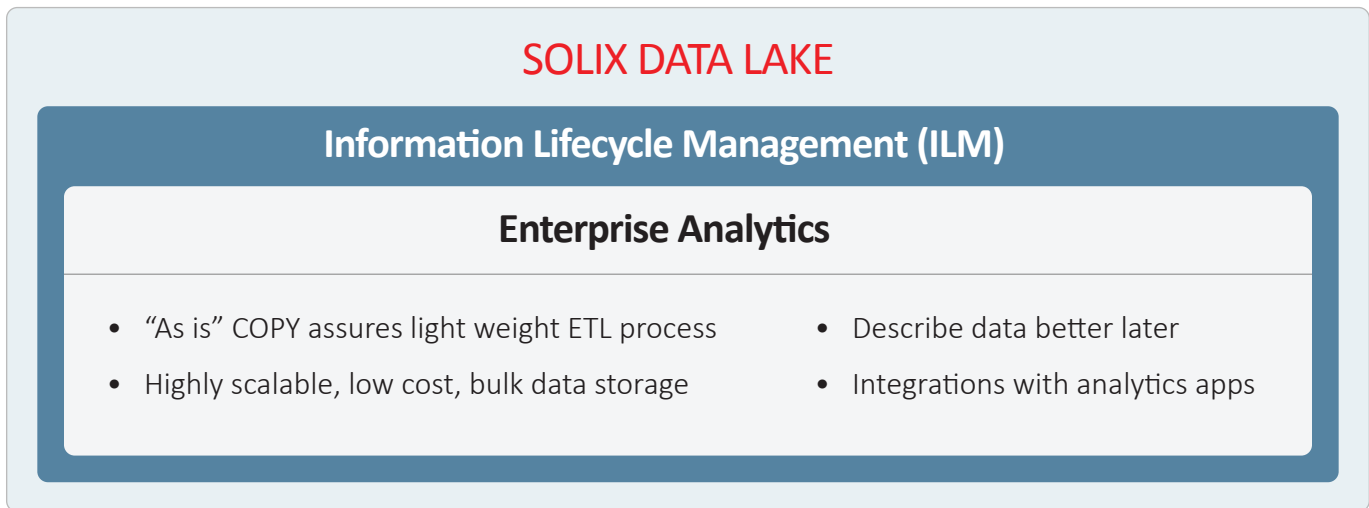
The explosion of both structured and unstructured data is driving the adoption of a new enterprise blueprint for data management to enable improved enterprise analytics and low cost bulk storage. The Hadoop Distributed File System (HDFS) has rapidly emerged as the leading nearline storage platform because it provides efficient, secure, storage for structured and unstructured enterprise data with enhanced access. Moreover, Apache Hadoop represents the lowest cost alternative for highly scalable, bulk storage of enterprise data.

The Solix Data Lake also offers an ILM framework to ensure data meets governance, risk and compliance objectives and best practices for data retention and classification are

deployed. ILM policies and business rules may be preconfigured to meet industry standard compliance objectives such as COBIT or custom designed to meet more specific requirements.

*Solix Data Lake's extensive ILM tools can:*

- Classify enterprise data
- Manage the cost and performance impact of data growth
- Align system performance and service levels to business goals
- Establish retention and compliance policies for enterprise data
- Establish role-based security



## 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.