

# Solix Common Data Platform

## THE DATA-DRIVEN ENTERPRISE

Over 30 years ago management guru Peter Drucker, in the context of evolving enterprise software platforms, coined the phrase, “you cannot manage what you cannot measure.” Nearly overnight, the era of the data-driven enterprise was born.

To become data-driven and make real-time decisions, organizations must process new types of enterprise data including social, IoT and machine data, etc. Business value exists across the enterprise in new and different types of data, and failure to evolve into a data-driven organization brings the risk of business disruption from competitors and startups.

## SOLIX COMMON DATA PLATFORM

The Solix Common Data Platform (CDP) is a uniform data collection system for structured and unstructured data featuring low-cost data storage and advanced analytics.

The Solix Common Data Platform (CDP) enables data-driven organizations to gain more value from their data because data can be visualized in more specific ways. Enterprise data warehouses provide a canonical, top-down view of enterprise data to meet end user requirements, but those views rarely satisfy the function-specific requirements of data-driven applications. The Solix Common Data Platform either stores data “as-is” to reduce costly ETL operations and/or transforms data to feed downstream NOSQL and analytics applications.

Enterprise Archiving meets the data growth challenge by moving less frequently accessed data from high-cost, tier one infrastructure, to low-cost, commodity hardware with Apache Hadoop. Running MapReduce or Spark programming models, it processes large data sets across distributed compute nodes in parallel and offers massive scalability.

## HIGHLIGHTS

### Uniform Data Collection

Ingests both structured and unstructured data

### Bulk Data Storage

Transforms data as needed or stores copies of data “as is” eliminating the need for heavy extract, transform and load (ETL) processes

### Advanced Analytics

Enables data-driven organizations to gain more value from their data because data can be visualized in more specific ways

### Performance

Improves application performance by archiving less active enterprise data to reduce the amount being processed

### Cost

Leverages low-cost, commodity infrastructure to process large data sets across distributed compute nodes

### Governance

Meets risk and compliance objectives and ensures that best practices for data retention and classification are deployed

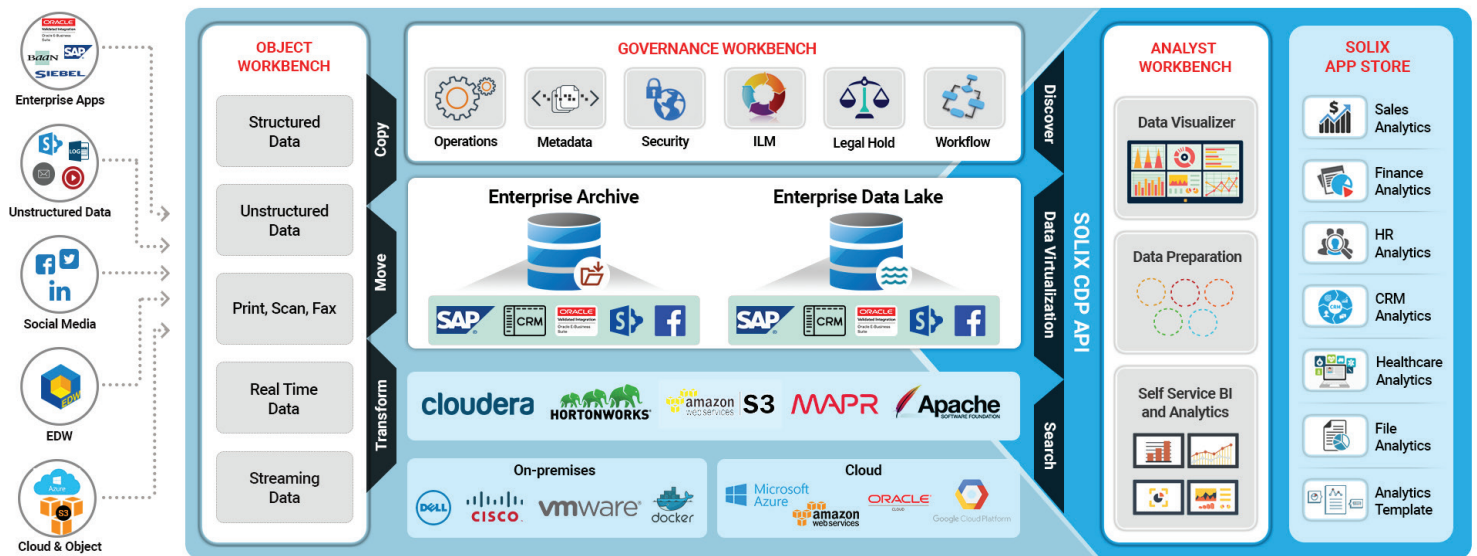
### Security

Classifies archived data for security & compliance requirements such as legal hold

Enterprise Data Lake reduces the complexity and processing burden to stage EDW and analytics applications, and allows highly efficient, bulk storage of enterprise data for later use. Data is either transformed prior to ingestion as required or stored “as is,” eliminating the need for heavy extract, transform and load (ETL) processes during ingestion.

The Information Lifecycle Management (ILM) framework provides data governance to meet 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 or custom designed to meet more specific requirements. To ensure data security, the Solix Common Data Platform (CDP) discovers and classifies sensitive data, masking or encrypting it based on business rules. Role-based access is also supported for data access at the record level.

The Solix Common Data Platform (CDP) lays the foundation for information governance, efficient infrastructure utilization and advanced analytics at petabyte scale.



## ABOUT SOLIX TECHNOLOGIES, INC.

Solix Technologies, Inc., the leading provider of Enterprise Data Management solutions helps businesses organize their Enterprise Information with optimized infrastructure, data security and advanced analytics by achieving Information Lifecycle Management (ILM) goals. Solix Big Data Suite offers an ILM framework for Enterprise Archiving and Enterprise Data Lake applications with Apache Hadoop as an enterprise data repository. The Solix Enterprise Data Management Suite (Solix EDMS) enables organizations to implement Database Archiving, Test Data Management (Data Subsetting), Data Masking and Application Retirement across all enterprise data. Solix Technologies, Inc. is headquartered in Santa Clara, California and operates worldwide through an established network of value added resellers (VARs) and systems integrators. To learn more, please visit <http://www.solix.com>.