ZLTECH

ZL Database Archiving™

HIGHLIGHTS

APPLICATION CONSOLIDATION
Ability to consolidate hundreds of different legacy applications within a single platform

ANALYSIS ACROSS DATA TYPES
Correlation of structured and unstructured data in one environment

APPLICATION RETIREMENT
Facilitation of legacy application retirement

NOSQL DATABASE
Hybrid row/columnar ZL BigDB database with adaptive data compression algorithms

REPORTING OPTIONS
Multiple search, query and reporting options: ZL Enterprise Analytics™, Command Line Interface (CLI), and ZL Data API

DATA COMPATIBILITY
Support for numerous data sources and data types with non-intrusive deployments

ZL DATA API
The ZL Data API empowers access and flexibility to integrate data from custom applications and sources

What are legacy applications?

Organizations rely on a wide array of custom and commercial off-the-shelf enterprise applications to drive daily operations through the collection and management of critical business information. As new technologies are introduced and companies evolve organically or are involved in mergers and acquisitions, they often find that many of their once useful applications are no longer necessary to support everyday business operations. Despite the fact that such legacy applications do not actively add business value, they continue to deplete valuable time and resources, reduce overall organizational agility, and add unnecessary financial burdens to already-strained IT budgets.

Why retain legacy applications?

The underlying reason organizations retain legacy applications far beyond their usefulness is usually the fear of losing access to important data. In many cases, application data remains a valuable business asset even after the original application is retired. Furthermore, external compliance, legal regulations and/or internal corporate governance and records management policies may require the application data to be preserved despite the application's retirement.

ZL Database Archiving

The ZL UA platform provides organizations the ability to aggregate various types of structured and unstructured data from hundreds of different sources into a single system, which allows for consistent processing, policy management, storage, and search across all enterprise data.

ZL Database Archiving™ is a data lifecycle management solution that provides database archiving and retrieval capabilities to help organizations successfully consolidate and retire legacy applications that are running on traditional databases, data warehouses, legacy enterprise content management (ECM) systems, legacy archives and even NoSQL based data stores. An enterprise can seamlessly migrate hundreds of legacy applications data into its ZL UA system, thus allowing for the retirement of outdated applications.

To enhance usability and end-user comfort when retiring applications, ZL Database Archiving™ allows for pre-generated reports to be ingested along with additional metadata, keywords and tags. This allows users to search and retrieve reports in their native formats without having to write SQL queries, ensuring ease of access to native application reports across the organization.

ZL Database Archiving™ supports the ingestion of data from numerous structured and unstructured data sources, including but not limited to:

- Legacy email systems: Lotus Notes/Domino
- Traditional RDBMS: Microsoft SQLServer, Oracle, IBM DB2
- NoSQL Data Stores: MongoDB, Apache Cassandra, HBase
- Data Warehouses: Teradata, Oracle
- Legacy ECMs: Microsoft SharePoint, EMC Documentum
- Legacy Archives: Symantec Enterprise Vault, HP Autonomy, EMC SourceOne
- Flat Files: CSV, XML, JSON

The ZL BigDB is a core component of the ZL UA, and provides powerful data processing capabilities. Data from legacy applications is extracted and ingested into the ZL BigDB database, which is engineered with adaptive compression algorithms to achieve over 90% storage savings; a text processing engine that can scale to billions of items; an analytical engine for correlation and statistical analysis; and a complete graph data store and graph computation engine which can scale to trillions of points to uncover hidden connections within and outside the enterprise.

Developers can use ZL Data API, which is similar to Open JDBC interface, to integrate legacy data access from custom applications or portals. IT staff can use the ZL Data API or Command Line Interface (CLI) and SQL to search or query data as needed. ZL UA, as an open platform, protects existing enterprise investments by providing several third party integrations.

KEY BENEFITS

REDUCED FOOTPRINT
Reduced hardware, storage, and software maintenance costs; lower indirect expenditures such as power and space

CENTRALIZATION
One portal for the entire corpus of managed legacy data, with consistent processing, policies, storage, and global search

SPEED AND SCALE
Large amounts of data can be processed quickly and easily via query acceleration

EASE OF USE
Legacy data can be accessed by all privileged users, regardless of their level of technical knowledge

STORAGE OPTIMIZATION
Achieve over 90% storage savings while still being able to access data

DATA MOBILITY
Data is never held hostage and can be easily exported and integrated with third-party applications as needed