



High Speed Big Data Backup & Disaster Recovery for Enterprise

MLens is Knowledge Lens' one-stop solution for enterprises' big data requirements. With Big Data Backup, Automated Disaster Recovery, Data Ingestion, Compression, Encryption, and Archival capabilities, our solution has proven to deliver absolute control over enterprise data, its storage, analysis and recovery.

Why MLens?



Faster, yet secure

High speed compression in combination with secure data transfer. Win-win!



Zero Downtime

Query support runs on backup data, while restoration runs in the background



Data Granularity, in your hands

Fully automated with restore capabilities, so you can control granularity of data.

Our Big Data solution includes unique features that have solved the challenges of several enterprise customers.

- Powerful Data Merging
- Secure Data Masking
- Data Migration - Cluster to Cluster
- User-controlled parallelism and resource allocation



Powering one of the
Global Payments Company
in enabling Petabytes of
Data Transfer

Solution Overview



Big Data Backup

- Automated Cluster Backup
- Migration of changes to client endpoints
- Robust audit & logging
- Inbuilt Endpoint Connectors for Hadoop, HBase & more
- Compression to/ from Cloud stores



Data Encryption, Compression & Archival

- Compress & backup data across clusters
- Archive compressed data on the cloud
- Flash-speed transfer
- Archive to S3/Azure Blob/Glacier and more...



Automated Disaster Recovery

- Automated recovery of full cluster
- Installation & recovery of Sentry, Hive, Airflow etc.
- Backup for cluster configurations, topology & roles
- Disaster Recovery supported (both on-premise and Cloud)

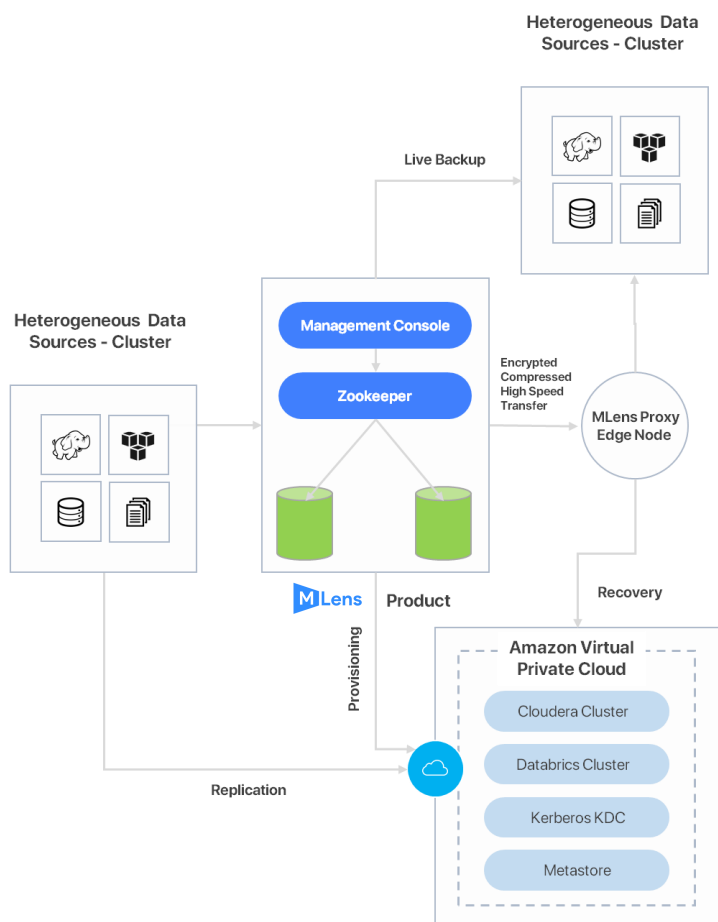
Enterprise Security Integration

- Active Directory/ LDAP/ Kerberos for secure data access
- Data encryption in transit and at rest
- Isolation & support for Encryption Zone
- Secured authentication for all endpoints

Data Ingestion in minutes

- Fast & secure parallel data processing
- Compression & file format conversion
- Configuration driven transformation
- Supports FTP/SFTP, S3/Azure Blob as well as standard RDBMS
- Relay mode in case of no direct connectivity between source and target

CONCEPTUAL ARCHITECTURE OF MLens



Request for a free Demo

Mail us at sales@knowledgegels.com

SOLUTION OFFERINGS

- Big Data Cluster backup over secured Data Lake without intermediate store
- End-to-end Big Data Lake Disaster Recovery Solution
- Data migration from Enterprise Data Warehouse to Big Data Lakes with no Intermediate landing
- Secured Selective Data Archival from Big Data Lake
- Flash-Speed file transfer to cloud, without intermediate landing
- Secured Cloud Data Access with complete AD/LDAP integration

What are the next steps?

Knowledge Lens invites you to experience our platform and get started with your use-cases through a Proof of Concept in just 3 weeks.

About Knowledge Lens

Knowledge Lens is a US-based product technology company that builds domain-specific Data Lenses that enable the discovery of actionable insights from Enterprise Data Assets. Our team of tech experts work on cutting edge technologies such as Big data, AI, IoT, Blockchain and Cloud to add differentiated value to our customers. Our mission is to turn enterprises' dark data into meaningful business insights.

We have successfully transformed Fortune 500 companies into Smart Enterprises by implementing Next Generation Enterprise Data Lakes (Serverless Architecture), AI powered Intelligent Apps and Industry 4.0 Solutions- both on premise and on the cloud.

Our Product Gallery



Accelerating AI for Enterprise



Revolutionizing IoT & AI for Industry 4.0



High Speed Big Data Backup & Disaster Recovery Suite for Enterprise



Real-time Environment Data Acquisition Monitoring & Analytics Suite

Contact Us

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Knowledge Lens
Accelerating Actionable Insights

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