



ENTERPRISE BIG DATA LAKE

...For Utilities to Implement Effective Asset Management Strategies

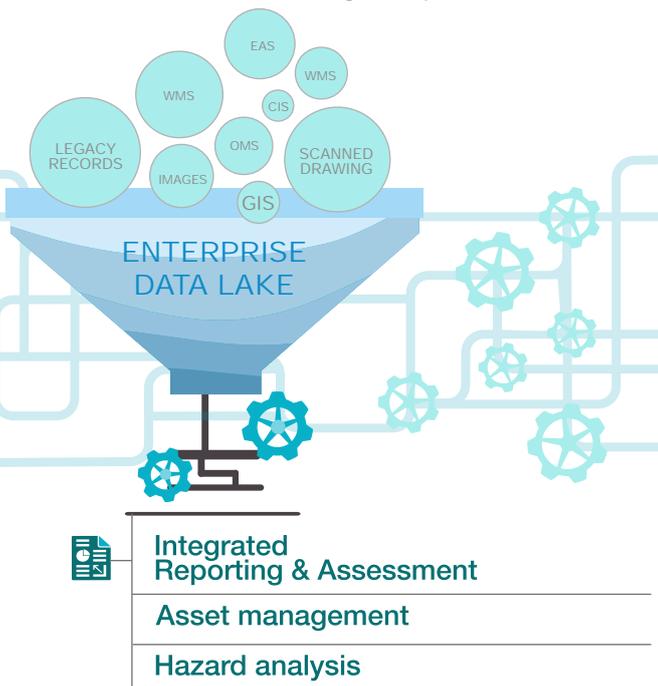
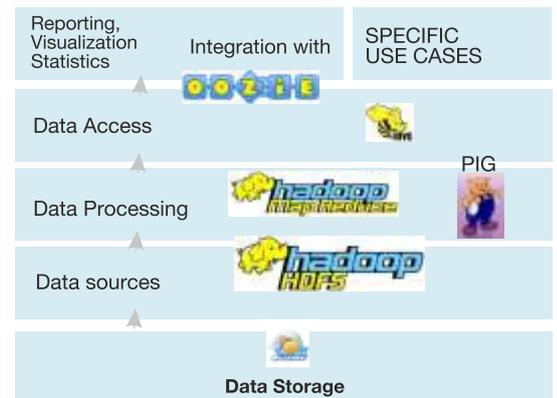
Utility companies have a wealth of information stored across multiple structured and unstructured databases. However, with disparate systems, multiple versions of files, and inconsistent processes, accessing information and turning it into usable insights is often a challenge.

Reporting and analysis is typically driven through a data warehouse solution that only pulls in structured data, thereby ignoring other unstructured sources of information that could potentially have a significant impact on the decisions that are based on these reports.

RMSI's Enterprise Data Lake (EDL) is a composite data repository platform that

- ⚙ Supports all data types and formats 'as is', regardless of their size, structure, schema, or how fast it is ingested
- ⚙ Establishes common linkages to discover relationships across all data types and formats to unlock new insights and provide a 360 degree view of the business.
- ⚙ Is compatible with all leading data warehouse and business intelligence platforms

Technology Stack



- ⚙ Low total cost of ownership. Savings of up to 70 % as compared to conventional data warehousing
- ⚙ Preserves data in its original form and captures changes to data and contextual semantics throughout the data lifecycle, thereby maintaining an audit trail
- ⚙ Provides an analytical platform to develop and run preventive models such as asset analysis, proactive condition monitoring, and natural calamities analysis for preventive maintenance

Benefits