

Business Drivers

JD Edwards ERP is a core application in a company's IT portfolio, housing business-critical sales, operating and financial data. Data essential for analytically based business decision making and paramount to a company's success. While the technology for users to access JDE on a day-to-day basis has been refreshed, the underlying data model has not, which complicates surfacing core ERP data.

Challenges

Vendors, including Oracle, have created direct linkage from business intelligence tools to JDE. While implementation times are shorter, serious long term challenges still exist such as:

- ◆ Data Quality Problems - Business rules and logic become embedded into each tool deployed leading to data quality problems
- ◆ Extensive Maintenance - JDE cat code and other metadata changes result in extensive maintenance
- ◆ Compliance Issues - Establishing data governance becomes virtually impossible creating compliance issues in some industries
- ◆ Cost - The company becomes locked into a narrow set of software products which are often more expensive than modern alternatives
- ◆ Data Access - Access to atomic data is generally limited such as "drill through" to a pop-up JDE window

Rapid Pragmatic Approach

Actionable Perspectives has solved this complex dilemma at a number of demanding, fast-moving clients. Building a complete enterprise data warehouse covering all data sources is costly and time consuming to build, but the need for consistent and clean enterprise data is a necessity. Building out from core financials and ERP can lead to early gains with a stable foundation.

Ingestion engine: Using pre-built technologies, we can quickly ingest JDE data into a warehouse with minimal coding and ETL logic required. Having the majority of the JDE integration platform out-of-the-box accelerates project implementation and dramatically reduces risk.

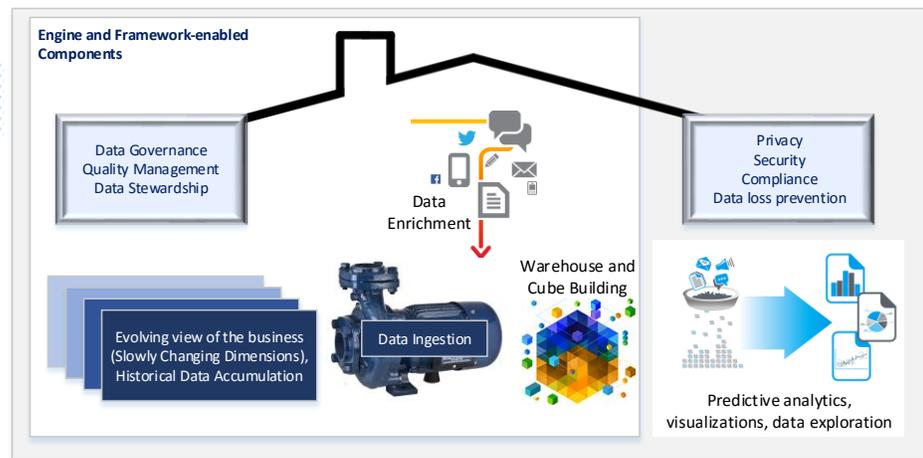
Slowly changing dimensions: Categories of data expand and change over time. Standard business intelligence tools use static categories which distort time series data. For example:

- ◆ Product and service bundles evolve
- ◆ Sales territories grow and are realigned
- ◆ Exchange rates fluctuate
- ◆ Staff and management are reorganized

Our ingestion engine supports slowly changing dimensions immediately. Clients are encouraged load historical dimension and transactional data to accurately represent information over time.

Enrichment: Incorporating other data sets becomes very simple and we have mashed up legacy data, structured data and live data from Web feeds.

Data Quality Management: Data quality errors can accumulate in JD Edwards implementations. As data is ingested and surfaced, data quality checks unearth these errors in time for them to be corrected in JDE. Additional consistency and validity checking is also performed enabling stronger data governance across



the enterprise. Semantic errors related to data harmonization issues are also detected.

Construction Framework

The framework depicted above builds upon JDE as a foundation. Construction of components is rapid using investments in technology based on JDE. Development is accelerated due to prior implementation experience with JDE. The result is enterprise information housed in a well-governed, secure environment built on a solid foundation.