



IRI Voracity: Optimizing Database Management

The need for scalability, security, and flexibility in relational database environments has never been greater. Those upgrading databases and using data and systems in the cloud require solutions that: streamline database operations, speed data integration, improve data governance, and comply with privacy rules.

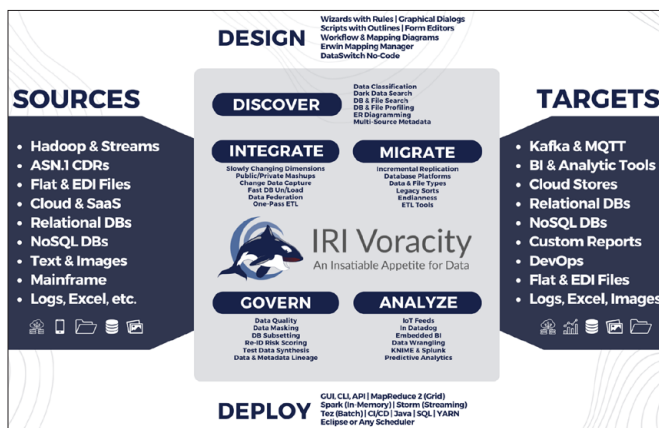
IRI Voracity is a comprehensive, self-hosted data management platform that supports the latest trends in database technology and management. Built on Eclipse™, powered by CoSort, and designed for high-speed database and file data processing, Voracity is used by ETL architects, DBAs, GRC teams, and analysts to meet their challenges and stay ahead of trends.

MEETING THE FUTURE OF DATABASE MANAGEMENT HEAD-ON

A recent DBTA whitepaper outlines the key technologies and strategies shaping the future of database management. This section summarizes how IRI Voracity addresses them and eliminates the need for multiple tools while reducing complexity:

1. Cloud-First, High-Performance Data Architecture

The shift to cloud-based databases is accelerating, with 82% of organizations leveraging cloud solutions. Voracity supports hybrid and cloud-native environments, enabling IT teams to migrate, integrate, and optimize data across platforms. Whether working with on-premise databases, cloud warehouses, or distributed systems, Voracity speeds data movement and transformation.



2. Real-Time Analytics Driving AI & Insights

Modern enterprises demand instant access to actionable insights. Voracity's high-performance batch ETL (Extract, Transform, Load) engine, CoSort, also supports real-time data processing, reporting and wrangling. BI architects can profile, cleanse, and analyze data on the fly—including from CDC and IoT streams—to speed decision-making. Voracity jobs can also

fold into traditional and AI-driven analytics tools to provide data wrangling capabilities and support machine learning in platforms like KNIME, for predictive insights.

3. Advanced Data Governance & Security

To address data quality, privacy, and compliance requirements, Voracity offers built-in data profiling, classification, cleansing, masking, and re-ID risk scoring. These features protect the reliability and confidentiality of data in both production and test databases, as well as their realism and referential integrity. This is especially important in lower environments used in application development and CI/CD pipelines.

4. Seamless Data Integration & Migration

Legacy systems often struggle with data silos and inefficient integration. Voracity simplifies data migration, replication, and transformation, and consolidates data values from structured, semi-structured, and unstructured sources. That means it supports traditional and textual ETL involving database and file data in mixed formats.

5. Cost-Effective Alternative to Legacy ETL Tools

Traditional ETL tools can be costly and cumbersome. Voracity ETL jobs are faster in volume (thanks to CoSort) and less expensive than Informatica, DataStage, Talend, et al, and are built in a single-pane-of-glass UI for data discovery, integration, governance, and analytics.

WHY DATABASE PROFESSIONALS CHOOSE IRI VORACITY

- **Unified Data Management:** One platform for cross-platform database administration, ETL, data governance, migration, and analytics.
- **Faster Runtimes:** IRI Fast Extract (FACT) and IRI CoSort combine in Voracity to accelerate unloads, transforms, loads and insights.
- **Cloud & Hybrid Compatibility:** Support for on-premise, cloud, and distributed databases.
- **Enhanced Security & Compliance:** Built-in data discovery, cleansing, masking, re-ID risk scoring and test data synthesis, all with saved rules and audit trails.
- **Scalability & Flexibility:** Handles huge data volumes in relational and NoSQL databases, flat files, semi-structured EDI files, and unstructured documents and images.

Learn what Voracity can do for you through its list of technical capabilities linked at <https://www.iri.com/products/voracity/technical-details#capabilities>.