Omni-Gen™ Data Quality Edition

Simplify how you profile, cleanse, and enrich data to accelerate digital transformation

Omni-Gen™ Data Quality Edition makes it easier for business and IT to collaborate on data management projects. It helps companies leverage powerful data integration and cleansing technologies to ensure data accessibility, consistency, accuracy, and timeliness.

Organizations can use Omni-Gen to improve data processing in transactional and analytical applications, enhance system migration or software integration projects, improve customer identification processes, and validate inputs in online applications.

Ensure high-quality data for business users

The Data Quality Edition includes a Remediation Portal, a powerful data governance facility providing end-to-end support for the discovery and cleansing of corrupt, invalid, or incomplete data. Part of our Omni Governance Console, it provides manual cleansing and matching overrides, and auto-generation of a complete historical trail. Business users can configure customizable workflows and alerts that identify when data quality issues require intervention.

Deploy rapidly with model-driven implementations

Omni Designer guides business users and developers through a collaborative process, using embedded best practices, to define integration, data quality, deduplication, remediation, and unification plans.

The benefits are huge. This model-driven process – managed end to end by Omni-Gen – ensures faster results without compromising quality or effectiveness. It also improves collaboration between businesspeople and developers, eliminating typical spreadsheet-based interactions during the design of models and cleansing rules. Users often experience implementation reduction times between 50 to 75 percent.

Simplified deployment and operations

Omni-Gen Server is the processing engine that builds and interacts directly with models built in Omni Designer. It features an array of monitoring and management functions that simplify deployment and operations, commands that enable users to control the system, remediation services, and process synchronization.

Benefits and features

Define once, cleanse everywhere
Users can centrally define and implement data quality rules such as restrictions and constraints, and then automatically apply those rules to data values across the information landscape. An automated rules engine cleanses data records while keeping a record of their prior state.

Simplify data stewardship and remediation
When issues require human intervention, the system can send notifications to mobile devices. Remediation edits can be reincorporated back to the source or destination.

Integrate, **cleanse**, and transform natively in Hadoop

Replace coding with configuration

Leverage for data scientists or production apps

Speed time-to-value for transformation initiatives

Assess data constantly and consistently

Validate inputs in data collection processes
As source applications generate data, Omni-Gen can profile and analyze that data to assess its quality and immediately identify and correct integrity issues. Business users can then monitor the changes made by the data quality rules to ensure that they're working properly.

Construct a data quality firewall
Data quality firewalls ensure that only cleansed and standardized data enters a given application. Omni-Gen enables organizations to deploy real-time data quality firewalls, complete with reporting and monitoring, to support such initiatives as master data management (MDM), business-to-business (B2B) integration, and application integration.

Transform big data
Improve your big data with data profiling, analysis, enrichment, merging, and cleansing from native Hadoop sources and file formats (Hive, Avro, sequence file, Snappy-compressed CSV, etc.)

Gain a complete data management platform
Omni-Gen Data Quality Edition is part of the Omni-Gen Data Management platform, which also offers data integration and master data management capabilities. You can configure it for what you need.

About ibi

ibi is a data and analytics company that embeds intelligence into — everything. From the beginning, ibi has known the importance of data and insights to make better decisions. We help organizations get their complex and disconnected data in order, so they can build, embed, and automate intelligence into everything they do. By preparing organizations for the future and turning them into builders – information builders – everyone can use enterprise trusted data at scale to drive their growth. Whether our customers use pre-built applications or build their own solutions for their data and analytics challenges, ibi powers their innovation and reinvention. ibi's open platform and industry-specific building blocks accelerate speed to market, improve operational efficiency, and enhance their customers' experience.

ibi. build a better future.

Request a demo
See ibi in action and imagine what you will build. ibi.com/request-a-demo.

Contact us at ibi.com or email askinfo@ibi.com.

7508449.0820