

# TIBCO Omni-Gen DQ Edition

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

### Benefits

- Replace coding with configuration
- Use for data science or production apps
- Speed time-to-value for transformation initiatives
- Assess data constantly and consistently

The TIBCO Omni-Gen DQ Edition makes it easier for business and IT users to collaborate on data quality. It helps organizations leverage powerful data integration and cleansing technologies to ensure data accessibility, consistency, accuracy, and timeliness.

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

### Rapidly assess data quality with powerful profiling engine

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With broad connection options, TIBCO Omni-Gen DQ software uses its powerful profiling engine to provide in-depth analysis of data residing nearly anywhere. Out-of-the-box features such as pattern analysis, frequency analysis, outlier detection, and more, can be extended with customized profiling using a library of out-of-the-box templates and implementation-specific rules authored from within the tool. Users have the optional ability to drill through to the underlying data from within the profiling results for more detailed analysis, identifying opportunities to further refine data quality and remediation rules.

## Ensure high-quality data for business users

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While many data-related issues are automatically handled by the processing engine, the Remediation Portal in the Omni Governance Console is the primary interface for data stewardship when human interaction is required. It assists the data steward in enforcing data governance policies with end-to-end support for discovery and cleansing of corrupt, invalid, or incomplete data. Business users can configure customizable workflows and alerts that identify when data quality issues require intervention and use an audit trail of changes for any necessary manual overrides.

## Deploy rapidly with model-driven implementations

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Using embedded best practices, Omni Designer guides business users and developers through a collaborative process to define integration, data quality, deduplication, and remediation plans. The benefits are huge. This model-driven process—managed end to end by the DQ solution—ensures faster results without compromising quality or effectiveness. It also improves collaboration between business people 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.

## Simplify deployment and operations

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After packaging your own content built with business user input in Omni Designer, deployment is a snap using the Omni Console. Once your content is deployed, interfaces are automatically generated for rapid data integration, and an array of monitoring and management functions enable operations users to easily control the system, remediation services, and process synchronization within the Omni Console. This console provides complete, end-to-end monitoring of data loaded into your Omni-Gen DQ implementation.

## Benefits and Features

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### 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. The history of manual remediation edits is stored in the engine, and remediated data can be flexibly reincorporated back to the source or destination with the included TIBCO iWay Service Manager and Omni-Gen DQ out-of-the-box APIs.

## Validate inputs in data collection processes

As source applications generate data, the Omni-Gen DQ solution 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. The Omni-Gen DQ Edition 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.

## Deploy quickly, any way you'd like

With the TIBCO Omni-Gen DQ Edition, you can take advantage of all the benefits of our managed cloud offering, or manage your own implementation (in a private cloud, or on-premises). The solution has flexible deployment options that ensure the right fit into your enterprise data infrastructure.

### Request a demo

See [TIBCO Omni-Gen Data Quality software](#) in action and imagine what you will build.



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05Aug2021