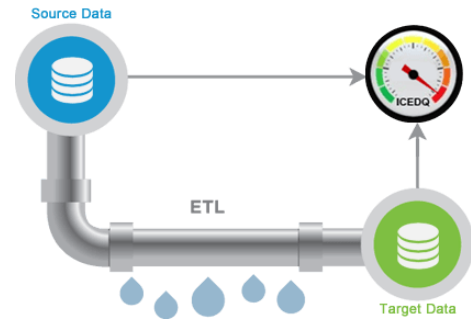iCEDQ.com

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ETL Testing & Data Quality Governance

Highlights

- Discover Data Defects
- Increase Test Coverage
- Mitigate Project Risk
- Monitor Production Data

Solution For

- ETL/ Data Warehouse
- Data Migration/ Conversion
- MDM/ CRM
- Data Compliance
- Data Governance & Monitoring

Product Overview

iCEDQ is a purpose built Data Test Automation and Production Monitoring platform for **ETL/ Data Warehouse**, **Data Migration**, **Conversion**, **MDM/ CRM** , **Data Compliance** and **Production Data projects**. iCEDQ provides a complete automated solution including the ability to audit, validate and reconcile data within and across heterogeneous data sets, in order to identify errors in the data integration process.

Use Cases

ETL Testing

iCEDQ can be used to test ETL processes that involve source and target databases. Rules such as row count, checksum and comparison of list values between source and target can be quickly defined and executed.

Data Quality Governance

iCEDQ also provides functionality to monitor production data integration processes including critical data elements that provides insight in to overall data health. These metrics and many others are presented via our management dashboard for all project contributors. Our goal is to enable technical staff and stewards to capture and remediate data issues before they reach business users.

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Audit Rules Engine

A purpose built rules engine that performs comparisons and validation of databases/ files.

- No custom code development
- Compares across databases
- Scalable to millions of rows
- Sends alerts
- Schedule tests

Collaboration

A web based GUI that allows global teams to use iCEDQ from any geographic location, along with a central repository to store all rule information and metadata. These audit rules and results can be shared across teams quickly.

Connectivity

iCEDQ connects to any standard database (SQL Server, Oracle, DB2 and many more…), Flat Files (Fixed Width/ Delimited) and cloud databases such as Redshift. Additionally, iCEDQ will soon offer adapters for XML, EBCDIC, EDI Files and SAP Systems.

Reporting & Dashboard

The data exception report generated by the rules engine is a unique template that enables all users and contributors to quickly understand the data issues. Additionally, business users and managers can use prebuilt management reports or create custom reports against the iCEDQ repository for advanced reporting.

Integration

iCEDQ's open design allows customers to integrate with other products in their environment such as HP Quality Center and widely used ETL Tools. Customers can also execute audit rules from enterprise scheduling tools such Control-M and Autosys.

Features

- Web Client
- Repository Based
- In Memory Reconciliation
- DB Connectors
- Flat File Connectors
- EBCDIC File Connectors*
- SAP Connectors*
- Rules Wizard
- Web Services
- Command Line Interface
- Alerts & Notification
- Requirements & Test Case Management
- Custom Tagging
- Scheduler
- Parameterization
- Single Sign On
- Role Based Security
- HP ALM Integration
- Custom Management Reporting
- Enterprise Scheduling Tool Integration
- ETL Tool Integration
- Reusability
- Query Builder
- Data Governance

Request Trial

Click on the link below to receive a demo and trial license of iCEDQ.

Sign Up Here