INFOSYS DATA WAREHOUSE TESTING SOLUTION

Is your data warehouse testing process incapable of allowing active participation of business users?

Is your data warehouse testing process inefficient due to lack of automation?

Is your inability to compare pre-migration and post-migration datasets hindering your data migration process?

Are you able to ensure quality of data using your current validation processes?

Infosys' Data Warehouse Testing Solution helps you address the above challenges while improving the effectiveness of your data warehouse testing, data migration and compliance testing.

The solution streamlines and accelerates testing of data warehouse applications by offering a user friendly, comprehensive and integrated web based work-bench. It is platform independent and can support multiple databases using built in business logic to reduce manual error. Infosys' Data Warehouse Testing Solution also assists in testing of data migration by providing extensive comparisons and reports which enable identification of defects easily.

Solution Features

Data comparison component that helps identify anomalies in transformed and migrated data

- **Data Quality Analyzer** that addresses the concern of data quality. It performs data quality analysis through Metadata, Statistical, Relationship, Pattern and Business Rules based analysis and

- **BI Report Verifier** component which helps in independent validation of BI reports

Solution Benefits

Lower TCO
Up to 40% effort savings

- Increased automation results in effort reduction in
  - Test execution
  - Regression testing and reporting
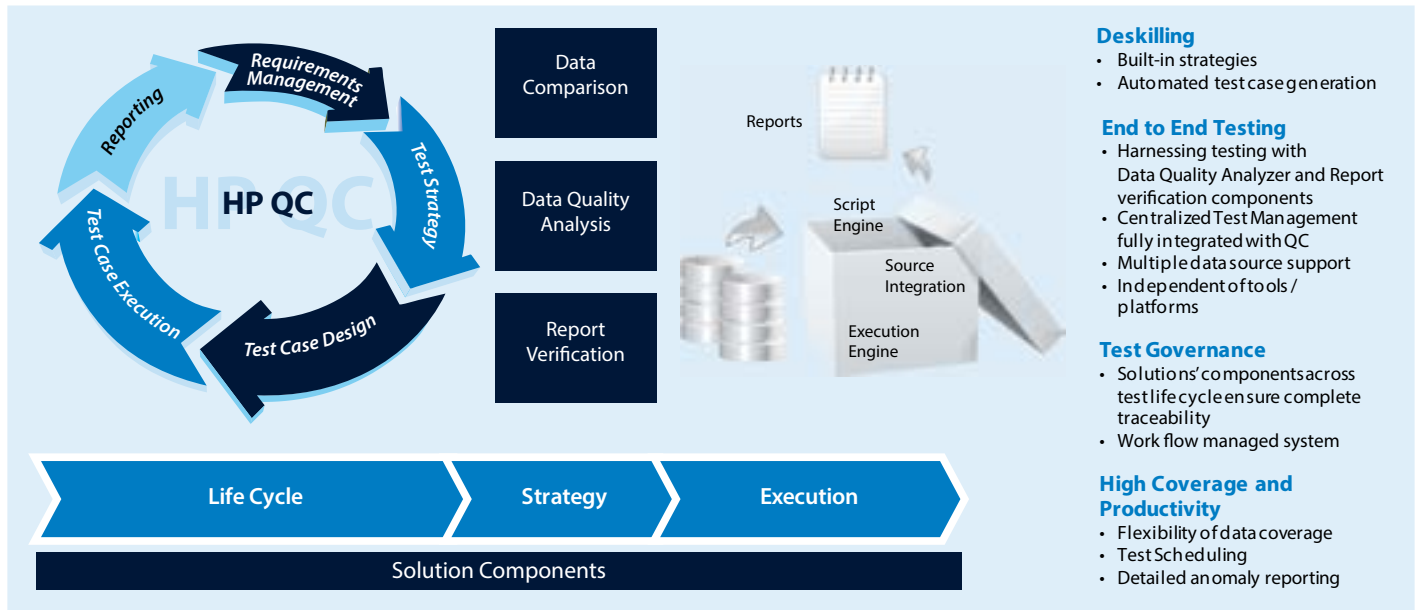- Detailed reporting capabilities brings considerable reduction in defect analysis effort

High Quality & Reliability

- Built-in strategies reduce human error and increase data quality
- Detailed reporting aids effective decision making
- Complete traceability ensures 100% requirement coverage

Reduced Time-to-Market
Up to 25%

- Improved validation processes reduces cycle time
- Reuse and Automation aids accelerate creation and execution of test cases thus crunching test time lines

How it Works

Deskilling
- Built-in strategies
- Automated test case generation

End to End Testing
- Harnessing testing with Data Quality Analyzer and Report verification components
- Centralized Test Management fully integrated with QC
- Multiple data source support
- Independent of tools / platforms

Test Governance
- Solutions' components across test life cycle ensure complete traceability
- Work flow managed system

High Coverage and Productivity
- Flexibility of data coverage
- Test Scheduling
- Detailed anomaly reporting

Infosys' Data Warehouse Testing solution provided considerable benefits to a leading provider of health insurance products and services in terms of overall effort savings (56%) and improvement in cycle time (40%).

Infosys' Data Warehouse Testing solution helped a large investment bank reduce their overall data warehouse test effort by 20%.

Allied services

Architecture Services

Our Architecture Services enable enterprises to eliminate Business-IT alignment dysfunction. We partner with you to develop Enterprise Architecture (EA) solutions that translate your corporate strategy into an effective IT Strategy.

Application Development

Helps you develop turnkey solutions with a faster time to market and a lower Total Cost of Ownership. The service ranges from building a business case to assessing portfolio to designing solutions to building and implementing the solution.

Infrastructure Management

Our range of services is geared to keep your operations running smoothly and reduce costs. Services include infrastructure planning, auditing, data center and application management and help desk

Independent Testing Services

The practice helps Global 2000 companies build tomorrow's QA Enterprise through services which range from custom validation to specialized testing and process consulting. Additionally our IP solutions have been developed to provide clients with operational superiority.

For more information, contact askus@infosys.com

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