DataComparePro is a web based application developed to test the migrated data from legacy systems into Target environment and to do pre migration testing. It checks whether the migrated data from the source to the target is correct and list out discrepancies if found. Users can define the policies, mapping rules and conditions based on which the data's to be verified. Pre migration testing is helpful to avoid potential loss of data during migration.

## Why DataComparePro

❖ *A world wide recent survey on data migration confirm that 83 percent of the migrations on a routine experience problems due to lack of validation procedures to ensure data integrity*.
　　　　　　　　　- IBM Global Technology Services

❖ This post-migration, user-friendly and intuitive interface is designed to work in a cross-DBMS, multiple data source environment and to serve a broad range of relational data sources.

❖ The tool is protected and fully standards compliant with exceptional data comparison speed.

❖ It can accurately compare the entire source and target data to show their data differences or discrepancies in a properly formulated report.

❖ This tool supports Oracle, SQL server, Ms access and Ms Excel source and target data environments.

❖ DataComparePro is available as SaaS and can be made available on Demand.
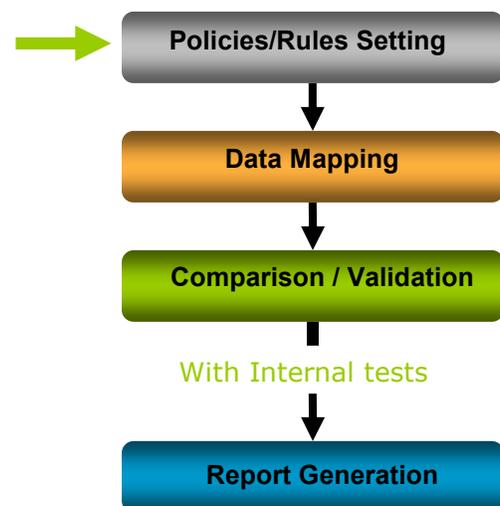
## Product Overview

Migration must ensure the quality of critical data and content and it comes at a cost. The traditional method requires endless sampling of the data's to ensure the integrity which is labour-intensive and manual interventions.

Traditional migration test methods are no longer best practices. Instead, Datacomparepro makes the migration data validation process simple. DataComparePro verifies all migration results (100%).
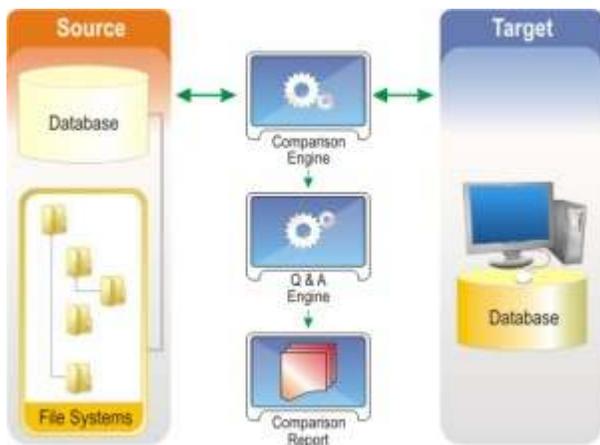
To ensure Best practices in migration testing and quality assurance DataComparePro dynamically generates and uses its own proprietary test suites and QA methods to verify and validate data on the target systems.

### Key Features

➢ Supports Oracle, SQL Server and MS Access, databases for source and targets.

➢ Provides graphical comparison report.

➢ Comparison report groups the Missing, Duplicate and Discrepancy data separately for detailed analysis.

➢ Provides data masking ability for sensitive data comparison.

➢ Sampling is eliminated—all results (100%) are tested which is highly difficult task.

➢ Agent less and supports multiple users to use the Application.

➢ Dynamically generates test suites and QA method for target data verification and validation.

➢ Can be made available on demand.

**Policies/Rules Setting**

↓

**Data Mapping**

↓

**Comparison / Validation**

With Internal tests

↓

**Report Generation**

**Successful Migration Validation**

## Special features of DataComparePro:

DataComparePro is more efficient and accurate than traditional sample-based test methods.

➔ **Mapping rules:**

The source and the target database is selected and the mappings are easily set using a very user friendly web console.

➔ **Comparison:**

The DataComparePro comparison identifies all differences between the source and the corresponding values expected in target.

➔ **Report:**

DataComparePro lists all the data's classified as Discrepancy, Missing, Duplicate value with a more visually appealing manner based on the selected mapping specifications**.**

➔ **Pre Migration Testing:**

DataComparePro supports pre migration testing to find out potential loss of data, junk characters in data etc. This feature greatly reduce the time spent on debugging , sampling data on post migration.

## Summary

DataComparePro is the most useful tool for migration testing to identify the potential vulnerabilities in the system. It can be installed very easily and can be executed much faster. It ensures high quality in validation of data migration environment.

## About  *perf*SYSTEMS

Perfsystems is specialized in customized software development of database security and performance products. Our innovative products and high value added services are geared to the needs of enterprise clients worldwide.

*perf*SYSTEMS<sup>TM</sup>