

Valiance TRUcompare™

Automated Testing for Data, Document and Content Migrations



About Valiance

Valiance Partners is a software, data migration, and quality assurance company specializing in content intensive and regulated business environments.

Valiance builds products and delivers services that help companies achieve the highest standard of quality to produce superior value for the most exacting customers and markets.

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Valiance TRUcompare™ is an automated test environment that speeds the verification of data and content migrated from one or more sources to a destination application.

Addressing the Migration Quality Challenge

All migrations—particularly those dealing with non-trivial data transformations—can reveal challenges and generate unexpected delays and expense, putting even the best-managed projects in jeopardy. TRUcompare squarely addresses this risk.

How? By rapidly testing 100% of the data and/or unstructured content migrated into a target system and reporting any errors or deviations from its specification. Wherever migration is on the critical path, TRUcompare effectively addresses compliance needs while enabling rapid, cost-effective outcomes.

Beyond Sampling

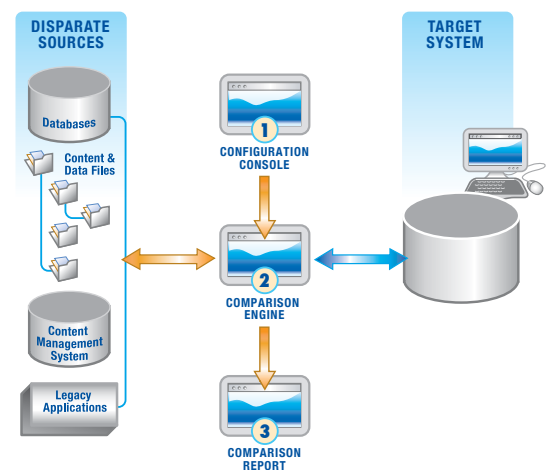
Migration testing is no longer vulnerable to the uncertainties of the past. With TRUcompare, common but highly iterative and labor-intensive sampling techniques, as well as procedural, trial and error approaches to migration testing and validation are now obsolete. In their place is a new deterministic paradigm for testing entire data sets that establishes significant levels of predictability throughout the entire migration process.

This is the power of TRUcompare.

How it Works

TRUcompare is far more efficient and precise than traditional migration test methods. It executes in three essential steps:

- 1 **Configure Rules:** Mappings are easily set in the TRUcompare Configuration Console™ and stored as XML files.
- 2 **Comparison:** The TRUcompare Comparison Engine identifies all differences between the source values and expected the destination values.
- 3 **Report:** TRUcompare lists all resulting matches to and deviations from the migration specification.



Together, these state-of-the-art TRUcompare features and functions reset the standard for best practices in migration testing, quality assurance and validation.

TRUcompare Configuration Console™

Ease-of-use is built into TRUcompare. An intuitive Configuration Console simplifies access to its powerful XML configuration services and unique ability to apply business rules as field-level transformations that model specific migration requirements.

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DataMap™

Accurate data and content mapping—establishing the relationship between current state objects in a source system and their intended state in a target system—is key to precision migrations. TRUcompare DataMap™ enables the rapid formulation of migration rules managed as XML files. It supports numerous mapping requirements out-of-the-box. And in special situations, custom plug-ins can be applied.

ExpressionBuilder™

Metadata mappings define how a source value is migrated into a target value. For example, a target value may be the concatenation of several source values, while another target value may need transformation to an entirely different value. To test these, TRUcompare supports a robust set of data conversion functions through its ExpressionBuilder. These are saved as part of a configuration and may include arithmetic, logical, data conversion and string manipulations.

DataDiscovery™

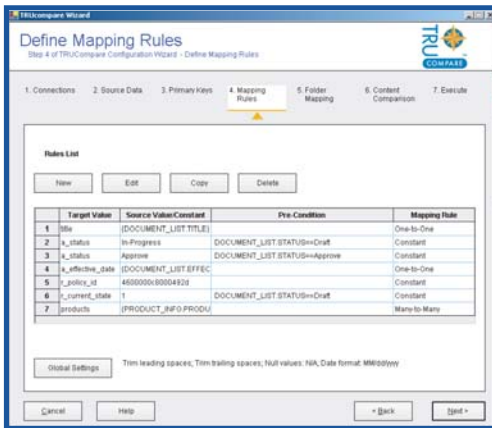
Migration requirements provide the theoretic blueprint for the overall migration process. TRUcompare DataDiscovery takes the next step. It contributes significant value early in the migration process by identifying needed data cleansing, transformations and enhancements in advance of any actual migration. And because DataDiscovery is automated, it is easily applied and repeated on-demand.

TRUcompare—The Benefits

- Configuration Console: Easy rules configuration that can be created, implemented, and captured for future re-use
- Powerful Mapping: Enables rapid configuration and validation of migration tools and scripts
- Data Discovery: Profiles source data and content and identifies deviations without having to perform test migrations
- Total Verification: Sampling is eliminated—all migration results are tested
- Overall: Eliminates costly manual processes, delivers prompt verification and speeds deployment to enhance compliance and return on investment

Bottom line: TRUcompare is an out-of-box configurable automated testing environment with powerful native deviation reporting capabilities. It spares resources, cuts costs, and saves valuable time, a significant consideration for any complex migration effort.

For more information about TRUcompare or other Valiance products and services, please email info@valiancepartners.com or call 1.800.880.4540



TRUcompare Configuration Console



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TRUcompare is a Patent Pending product by Valiance Partners. It is a client-server application that runs on a personal computer or server utilizing the Windows operating system.