

Datavard Validate

Data validation and system reconciliation

Cut the workload and make sure your reporting data is trustworthy

SAP HANA brings about many significant changes for all SAP reporting systems. Migration to HANA (on-premise or cloud), structural changes due to HANA capabilities, transitions to BW/4 or S/4 or front-end migration are just some of them. Every change needs to be tested to assure data correctness. Whether it is a comparison of a source and target system, or of how the data looks before and after a change, thousands of data records need to be compared for every object. It is a simple, but due to the amount of data, tedious and time-consuming exercise. And managers are having a hard time finding volunteers to do it. Typically, they are left with two options:

1. The data and performance validation is done by the IT. Since there are major restrictions on what can be done in the given time and budget, only sample testing is done - less than 1% of the full scope is validated. This creates a major risk of data untrustworthiness. Potentially, the end users might base their decisions on incorrect data. Performance is also a big topic, as it is unknown how the system will behave when the next critical period comes – such as a quarterly closing.

2. The other option is that data validation is done by the business. But HANA related changes bring little value to the business, and consequently, they are less willing to test them. After all, what is the benefit for the business in a system upgrade and why should they take the responsibility for it?

A paradigm shift with Datavard Validate

With Datavard Validate, the complete process works the way it should - IT validates both data and performance of the complete system and shows the results and possible issues to the business. Having full and trustworthy results, the business can take a Go/No Go decision. This way the responsibility stays with the IT (where it should be) and IT can prove to the business that the migration/ change is complete, correct and that the response times are great. Investment pays off soon with relieving the team from the manual testing and freeing up resources for more important tasks.

Key Benefits

- KPMG Certified
- Predefined standard ERP content (designed for S/4 migration support)
- Capture the usage of queries and input parameters (SAP BW and BW/4 HANA) and generate tests based on this data
- Table data validation
- Automated data validation (cross system, SAP and non-SAP, e.g. when migrating data from legacy systems, HANA native to SAP etc.)
- Listcube and query validation
- Front-end testing (BeX, Webi, Design Studio)
- Query performance stress test
- Before / after image validation in the same system
- Source / target system validation via RCF
- Test execution scheduling and parallel processing
- Test documentation generation
- Integration with HP Quality Center

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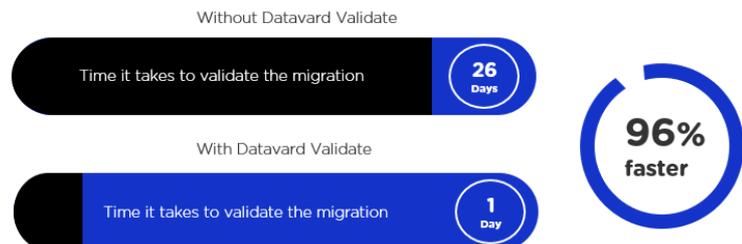
Test automation vs. data validation- Why do I need another test tool?

Traditional test automation works in general in the same way. The steps of users are recorded as test scripts and can be re-executed automatically with various parameters and conditions. This works fine in some instances for business process testing. However, regression testing is something completely different.

The question that needs to be answered is not about the functionality (“Will the results of a process be the same?”) but about data validation („Is the data correct?“). This requires a completely different approach to testing and test automation, as traditional ways will fail. The good news is that with Datavard Validate, the data validation process can be very effectively automated.

95% of customers who tried Datavard Validate refuse to do manual testing ever again.

Migration of 175TB to SAP HANA



Supported scenarios

- Transition to BW/4 and S/4 HANA
- Database migration
- Major release and service pack upgrade
- Mergers and acquisitions
 - Company code merge
 - Carve-out
 - And others
- Data transformation
 - Chart of account conversion
 - Company code rename
 - Fiscal year conversion
 - And others
- Front-end migration
- Staging object upgrade [DSO and InfoCube to ADSO]

Über Datavard

Datavard ist ein innovativer Anbieter von cleveren Software-Lösungen und Consulting für SAP Datenmanagement, S/4HANA Transformation, Data Warehouse Modernisation, Re-Organisatorischer Transformation, Stilllegung von Altsystemen, Integration von SAP Daten in Big Data und Managed Services. Datavard hat seinen Hauptsitz in Heidelberg und Niederlassungen in EMEA, den USA und Asien.

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