

TEST DATA



CrystalBridge® – The Data Transformation Platform Test Data

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Professional test data management helps companies to prepare for the future and avoid risks in ongoing operations: This accelerates complex development and change processes, makes test and training scenarios affordable, and efficiently protects sensitive data against misuse.

Today, companies are constantly having to invest in maintaining an agile business environment in order to react to new requirements quickly, reliably and with a high degree of flexibility. At the same time, system landscapes are becoming increasingly complex, for example due to mergers, acquisitions or the use of new technologies. Regular intensive tests within applications and system landscapes are necessary to ensure optimal usability for SAP® solutions and exclude potential risks during ongoing operations. Yet this approach poses many challenges: In the age of big data, disk space and the resulting costs are constantly on the rise. Furthermore, the increasing complexity of applications and IT architecture makes testing even more difficult. This forces business units and IT departments to be very flexible in their responses – both in terms of implementing projects and providing infrastructure and test environments.

Professional test data management helps companies run their test and development processes. The key requirements are that tests must have a high data quality and are carried out extremely thoroughly. Companies must take steps to ensure compliance with regulations and reduce the risk of data breaches, even in non-production environments. Fulfilling these requirements with as much automation as possible reduces manual work, lowers the error rate and therefore saves time and money.

The Solution for Your Test Data Management: CrystalBridge®

The digital transformation platform CrystalBridge quickly provides reliable, realistic and consistent test data for your development, test and training systems. Thanks to the rapid availability of this data, you can prepare tests faster than with a system copy, therefore shortening your overall project duration.



CrystalBridge®: Secure and Realistic Test Data

Introducing innovations always means adapting systems in advance, and the associated testing takes up a considerable part of the project duration.

The CrystalBridge module Test Data Organizer reduces this time significantly by quickly providing customized, scrambled data. This allows your test teams to run tests earlier using up-to-date, high-quality data. This in turn accelerates your innovation and change processes. Test Data Organizer allows you to update application data in non-production systems by selectively extracting master and transaction data. In addition, sensitive personal information is protected using data pseudonymization.

Test Data Organizer is a CrystalBridge module. The unique data transformation platform CrystalBridge delivers reliable planning and transparency during highly complex IT and business transformations. It visualizes entire SAP landscapes, creates optimal roadmaps and simulates the effects of planned changes to your systems even before the actual transformation takes place – making projects without unpleasant surprises a reality.

The Clear Advantages of Test Data Organizer and SNP Expertise

ALL THE BENEFITS AT A GLANCE

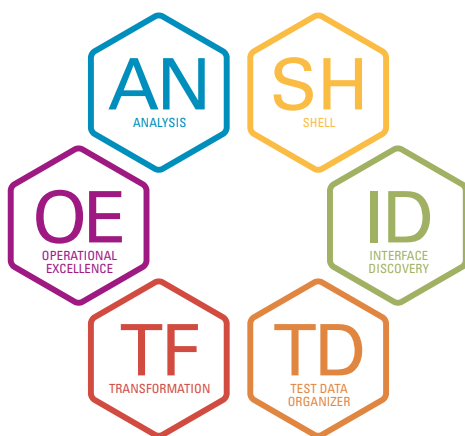
- **Data protection** – Safeguard sensitive personal data
- **Compact** – Reduce your data volume considerably and save disk space
- **Customized** – Decrease your memory requirements by selectively choosing the relevant master and transaction data
- **Cost-saving** – Save 40 to 70% on infrastructure and personnel costs
- **Guarantee** – Maintain continuous operations thanks to rapidly available test environments
- **Reliable** – Take advantage of the high quality of your test data
- **Powerful** – Save time by transferring data directly from the source to the target system
- **Fast** – Receive test data at the push of a button using predefined templates

CrystalBridge® – The Data Transformation Platform



Mission Control

Periodic Table



AN 01 Es ENTERPRISE STRUCTURE	AN 02 Dp DATA PROFILING	AN 03 Ao APPLICATION OVERVIEW	AN 04 Md MASTER DATA	AN 05 Cu CUSTOMIZING	AN 06 Re REPOSITORY
AN 07 Nr NUMBER RANGE	AN 08 Hc HARD-CODED VALUE	AN 09 Ia INTERFACE ANALYSIS	ID 01 If INTERFACE SCAN	ID 02 Ca CUSTOM API	ID 03 Sm SOLMAN INTEGRATION ADD-ON
TD 01 Dr DATA REFRESH	TD 02 Ds DATA SCRAMBLING	TF 01 Cm CLIENT MIGRATION	TF 02 Tc TRANSFORMATION COCKPIT	TF 03 Co TRANSFORMATION CONTENT	TF 04 Do DOWNTIME OPTIMIZATION
TF 05 Dc DATA CONSISTENCY VERIFICATION	TF 06 At AUTOMATED TESTING	SH 01 Et EMPTY TARGET SYSTEM	OE 01 Pr PREDICTION	OE 02 Si SIMULATION	

P 01 Da DATA ARCHIVING	JIVS	P 02 Pa PROCESS ANALYSIS	IBM
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ABOUT SNP

SNP helps organizations transform their business models and take advantage of the opportunities arising from digitalization. The SNP Group has around 1,400 employees worldwide. Headquartered in Heidelberg, Germany, and with locations in Europe, the USA, Latin America and the Asia-Pacific region, the company has already successfully carried out over 12,500 projects for global companies in all industries.

