



Introducing Datamaker™ A Complete Test Data Suite

What do you get when you work with Grid-Tools?

Specialization

Founded in 2004, Grid-Tools are specialists in the intelligent provision of data for use in non-production environments, including testing and development, training, QA and outsourcing. Grid-Tools' experienced personnel have been writing and developing solutions for large national and international organizations in both the private and public sector for over 20 years. Grid-Tools is also a thought leader and industry trend setter.

Products

Datamaker™ is the complete test data management suite from Grid-Tools, allowing you to provision high-quality, fully compliant test data that is 'fit for purpose'. In addition to powerful, stand-alone data masking and subsetting solutions, Datamaker™ also allows users to create 'synthetic' test data - data with all the characteristics of 'live' data, but no trace of the original, making it even more secure than masked or obfuscated data!

'Synthetic' data maximises the code coverage, variation and volume of your test data, meaning no more need to store expensive, bulky copies of production data. Using Datamaker™ means provisioning high quality, fully compliant data that is 'fit for purpose'.

Services

Grid-Tools also offer a wide range of services to support your test data management. The Datamaker™ suite is supported by comprehensive documentation and access to the Grid-Tools Forum, as well as a range of standard, and more bespoke, support packages.

In addition to this, Grid-Tools offers remote training through a series of product workbooks, as well as classroom or one-to-one training programs, both on and off-site.

As a thought leader in the field, Grid-Tools also offer consultancy packages that help you to maximise the potential of Datamaker™ to improve the efficiency of your projects by adopting some of the more innovative methodologies and approaches in the industry.

Scope of Operations

Grid-Tools has successfully sold to companies around the world, in both the private and public sector, in a range of industries. We also have a number of global partners who are fully accredited to offer support, training, sales and consultancy for Datamaker™.

Where does Datamaker™ sit in the Marketplace?

- The test data management market has tended to be dominated by 2-3 players. However, these companies have adopted a pattern of 'feature matching' with little or no innovation beyond new management dashboards.
- A different approach to tackling the complexities of test data management was required. We have leapfrogged the competition to provide the most innovative, holistic solution on the market today, at a fraction of the cost.
- Datamaker™ offers a very powerful, complete test data management solution and methodology to help you efficiently provision higher quality data for use in on-production environments. This will save your organization substantial amounts of time, whilst greatly improving your bottom line.
- Grid-Tools' Datamaker™ offers a cutting edge solution to provisioning high quality, fully compliant data that is 'fit for purpose'. Many existing solutions on the market rely on a copy process in order to generate data for use in non-production. However, this type of technology is dated and, arguably, flawed, as a full, expensive copy of production data is always required.
- Complexities also arise with simple copy/subset and mask solutions. Usually, a project will contain multiple test teams, each with their own needs or values. Furthermore, each of these teams may be working with different versions or views of the new database. With a simple copy/mask solution, every tester is required to use the same DBMS. If this is not a viable solution, then multiple routines are built, each with their own rules and definitions.
- Once your test teams are working from different routines, care must be taken to ensure that a single masking routine can be utilized when the target DBMS may have multiple schemas. The result: multiple DBMS systems requiring backup, Dmore BA time and possible additional complexities.

The Grid Tools Approach

Datamaker™, our flagship complete test data management solution, adopts a holistic approach to provisioning high quality, 'fit for purpose' data for use in non-production environments; that is, we provide an innovative tool with a modern methodology.

At the heart of this is the concept of a central test data repository, in which all the data definitions, rules and routines are stored. Our repository enables testers to access and use 'fit for purpose' data quickly and efficiently; saving time and ensuring high quality.

The Test Data Repository

The Datamaker™ test data repository is designed to contain test cases that would be required in order to exercise code. Simple copy/mask solutions do not always consider the need for invalid data to be present in a test system. However, whilst we advocate synthetic data creation, Datamaker™ stands apart from the crowd in allowing users to use the older subset and mask process OR synthetic data creation, OR a combination of the two! In fact, the Data Subset™ tool is a powerful and popular tool in its own right.

Generating Accurate Test Data

The ability to synthetically create data and place it into a test data repository is the key differentiator that makes Datamaker™ stand out in our market. Being able to deliver high quality, 'fit for purpose' data, without the use of a source DBMS, allows testers to perform more thorough tests to exercise the code that has been written. Once stored in the repository, these test cases can be re-used and shared with other testers, who can make the small edits they need to satisfy their own testing requirements.

Datamaker™ removes the flaws inherent in copying and masking your production data. The old adage that production data must be right simply isn't true: production data usually contains 80% of the same/similar transaction! Datamaker™ allows you to generate the anomalies and outliers in smaller, richer sets of data, allowing for greater code coverage, and more rigorous, efficient testing than with any alternative solution.

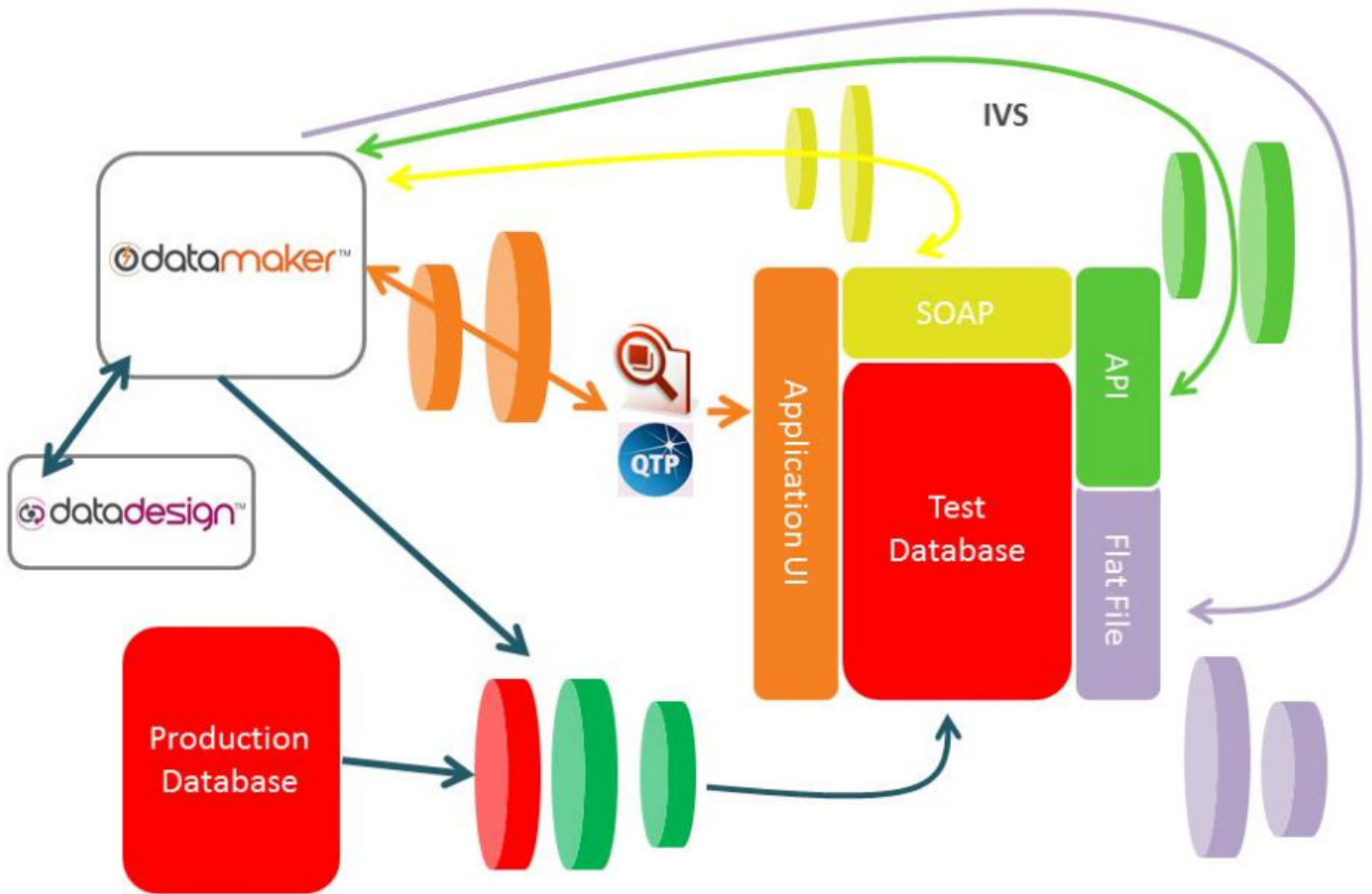
Access Test Data on Demand

Once test data is placed into the repository, test cases then may be drawn out by any number of people either through the use of a GUI or via a web interface. In this way, a central team/person can create the test cases within the repository and allow many developers/testers to access the cases upon demand. This helps to eliminate the problems caused by changing specifications by ensuring data is always 'fit for purpose'.

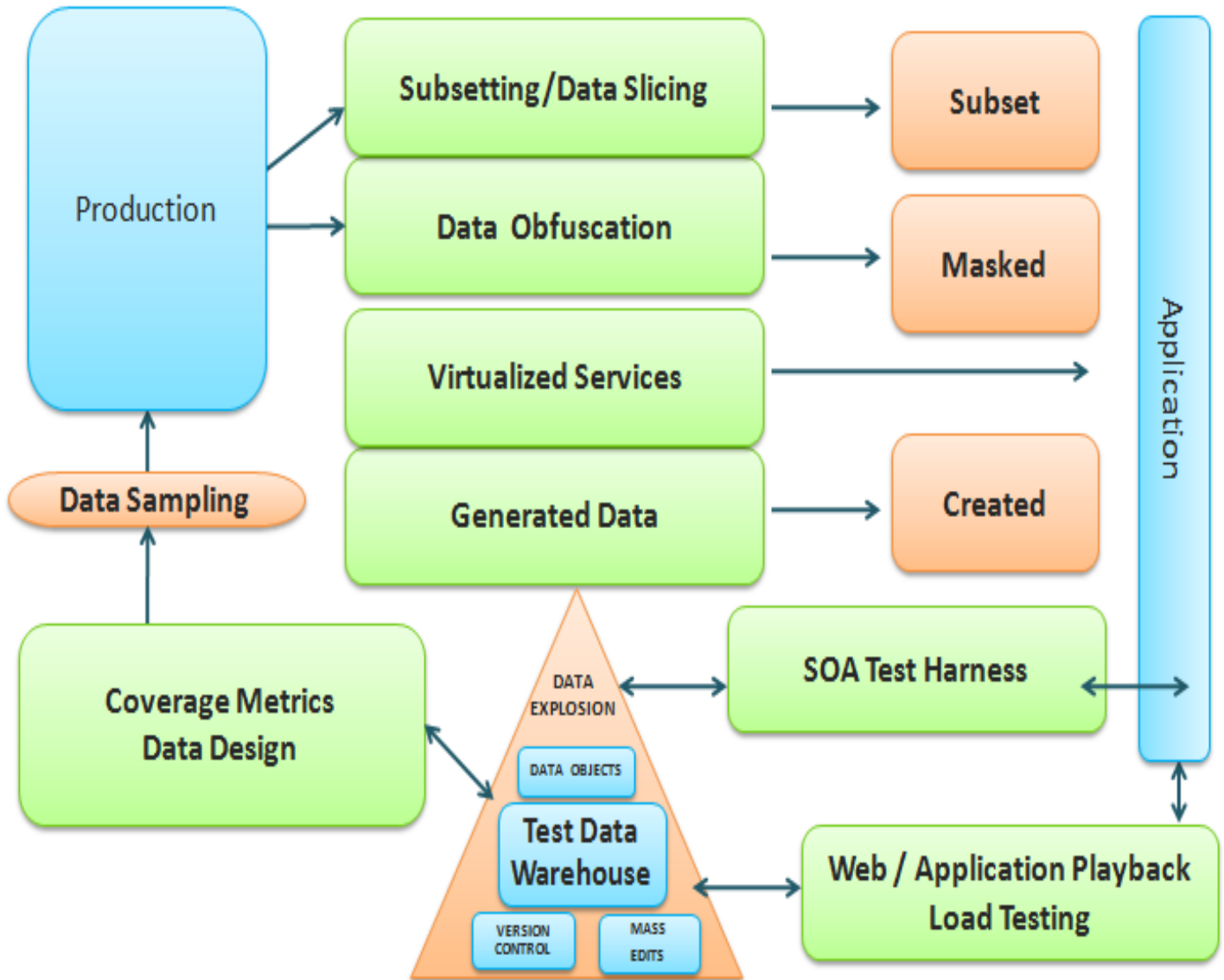
Grid-Tools Solution

These key differentiators provide a more robust test system than copy/mask and the production based data management systems. Although Datamaker™ offers powerful copy and mask processes, the sophistication we bring as a solution will mean that you are provisioning higher quality, 'fit for purpose' testing to deliver on cost and on time.

Datamaker™ Architecture



Datamaker™ Integration



Grid-Tools Unique Selling Points

Datamaker™

- Datamaker™ is a highly capable tool available at a fraction of the price of any serious competition.
- Cheaper versions of software that claim to produce good test data fall down as they lose all the referential integrity inherent in production data.
- With Datamaker™, we offer a complete test data suite in one to tackle the complexities involved in test data management in a structured and easy to understand way.
- We bring to the market features of innovation and structure such as 'Test Data on Demand' that will greatly improve your bottom line.

Grid-Tools

- Our focus is to ensure the quality of the test data you are able to use is of the right quality for successful testing.
- We offer experience with a proven track record.
- Our size and attitude allows us to react in a dynamic and flexible manner to respond to your exact requirements.

“Datamaker™ contributes directly to the quality and speed of delivery of the final product, achieving the valuable ‘double’ of reducing costs and improving our quality of service.”

**Global Financial Services
company**

“In truth, I would be surprised how anyone launching a big system can do without something like this. I think it is a mandatory thing to do.”

**Barry Williams, Commercial
Director, sQuidcard**

About Grid-tools

Grid-Tools are the leading test data management vendor internationally, specializing in data generation, test data management and provisioning of agile data for Agile environments.

We have revolutionized the way test data is being provisioned by developing innovative software solutions for synthetic test data creation, data masking, subsetting, design and archiving.

Our innovative solutions, Datamaker™ and Enterprise Data Masking™, offer companies of any size and market sector the ability to provision high quality test data for their testing, development and training environments, as well as outsourcing both off-shore and near-shore.

Grid-Tools have been working with some of the largest government agencies, financial institutions, telecoms, insurance providers and media and communications corporations around the globe. We strive to promote better processes and best practice methods for provisioning compliant test data that is fit for purpose.