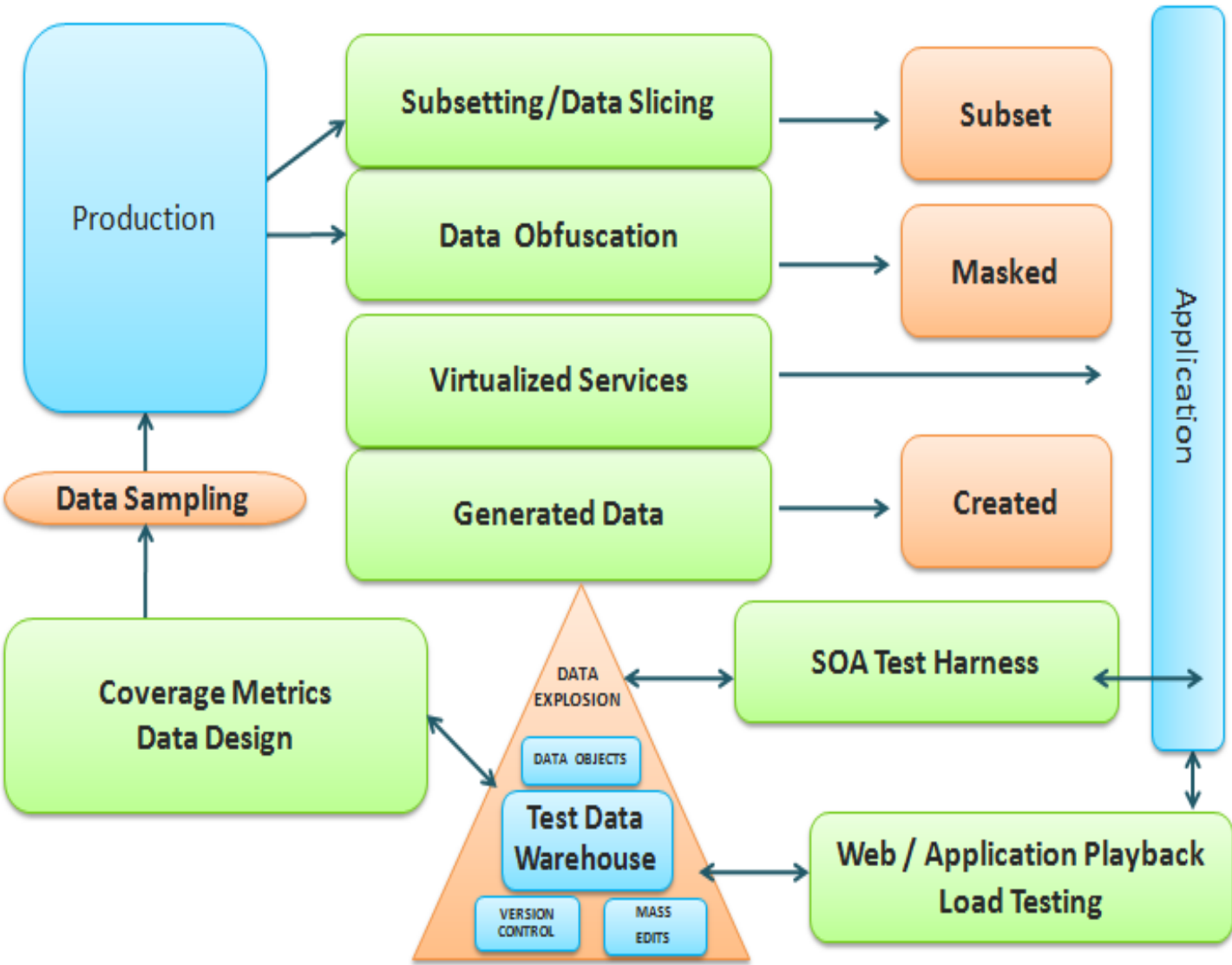




Datamaker™ Development Lifecycle

Datamaker™ is an extremely powerful toolset that can be used throughout the entire development lifecycle. Building, editing, checking, and testing data are activities familiar to all IT professionals.

Datamaker™ can be used from the initial design of your application through to development, testing and ongoing maintenance. From analysts being able to specify what the application data should look like, through to DBAs managing different versions of databases, Datamaker™ can help.





The Analyst

- Browsing existing data to verify any assumptions using business rules.
- By having a formal method of specifying what input and output data should look when specifying new functionality.
- Defining a meta model of table and entity relationships.

Most analysts will specify what data needs to be input into a process and what data is created or updated as part of that process. Datamaker™ allows the analyst to create clear specifications of the data to be fed into and out of a process. This specification can then be referred to as part of the design documentation and directly used by the developer. So for example, an Order Entry screen will create Order items, SOA Fulfilment requests, General Ledger items and a Web Audit record. All of these can be defined in Datamaker™, they can then be used downstream by developers and testers. If the data specification changes the change will automatically be reflected in the testing and development environments saving time and improving accuracy.

The Developer

- Creating appropriate data from specifications created by analysts.
- Editing and building accurate data to act as input to screens and batch.
- Comparing data before and after tests to verify, delete, insert and update functionality is working as expected.
- Comparing differences between table structures and objects between releases.

Most developers spend time manually modifying existing data or building new data to use during development, Datamaker™ can make this a much easier and more structured task. The powerful data browsing editing and data creation screen is easy to use and will save developers many hours of often tedious and difficult data manipulation.

The DBA

- Comparing differences between table structures and objects between releases.
- Helping to create subset or smaller versions of development databases.
- Many DBA wizards to create and manage schema objects.

Most DBAs have to manage the infrastructure supporting multiple production, testing and development databases. Datamaker™ can help the DBA build smaller subset databases as well as provide a structured method of scrambling data when extracting the data from production.

The Tester

- Generating accurate test data to exercise the majority of code.
- Comparing data before and after tests for integrity and changes.
- Generating disparate high volume data for performance testing.
- Manage Quality centre or other capture replay scripts centrally.

 *Datamaker™ was cost justified on a saving of one hour per developer per week. We are already saving more than that per day.* 

UK central government

The buck stops with the tester. If a bug makes it into production, it is usually blamed on the testing team. Datamaker™ is a tool that helps the tester quickly expand the coverage of their testing by being able to exercise more combinations of scenarios automatically. Data can be extracted by the tool and used by Quality centre or other capture replay scripts created by Datamaker™ to drive screen replay and performance testing harnesses.

The Manager

- Building a valuable repository of testing assets for use in multiple projects.
- Providing structure, re-usability and best practice across projects.
- Creating appropriate data from specifications created by analysts.
- Comparing differences between table structures and objects between releases.



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.