



## Datamaker™ in the Finance Industry



## Grid-Tools – The Leader in Test Data Management Solutions for Financial Firms

Grid-Tools has experience in working with some of the world's most important financial institutions on test data management initiatives. With Grid-Tools, organizations are able to implement best practice techniques, save time and money and develop better testing and development results and standards. Grid-Tools' success with financial firms stems from a unique approach, a niche solution and an unparalleled track-record.

### The Finance Regulatory Overview

Financial services providers have increased their focus on risk management in recent years due to regulatory, market and competitive pressures. Likewise, recent data breaches globally have caused a boost in CEO awareness, increasing the risks to corporate branding and reputation. The combination of these pressures has recently caused a shift in emphasis and data security is now being taken seriously across the board.

In the last decade, new regulatory initiatives internationally have consistently evolved; the UK's Data Protection Act, The European Data Protection Directive, PCI DSS, the USA's Patriot Act, the GLBA, MIFID, International Accounting Standards Board and Sarbanes Oxley are just some of regulatory measures causing a stir in the industry. Financial organizations need to react quickly to changes and increase their compliance monitoring and enforcement measures.

Enforcing compliance measures and standards creates a strain on current data management practices. Initiatives to achieve compliance must be enforced, but the organization must also maintain the ability to share, integrate and manipulate enterprise data in multiple formats for business purposes. Many financial organizations are looking for sophisticated data solutions.

Grid-Tools offer the flexibility of leveraging production-like data for effective testing, development, training and use in QA environments. In every instance, Grid-Tools strive to reduce complexity, reduce test cycles, maintain compliance standards and increase the quality of the data that is being used. The end objective is to change the overall test data management strategy by offering best practice processes and solutions.

## Grid-Tools – delivering compliant, flexible and reusable data

Your organization's test data management initiatives are likely to focus on the generation or creation of compliant test or development data, and the management of this data. Many financial organizations are looking to share and manipulate production-like data across their test and development teams in highly complex environments.

Due to recent regulatory initiatives globally, organizations are strongly discouraged or restricted from using "live" data in non-production environments. Likewise, in order to reduce complexity, reduce storage costs and increase productivity, many organizations are looking for alternatives to using and maintaining copies of large production databases in non-production environments.

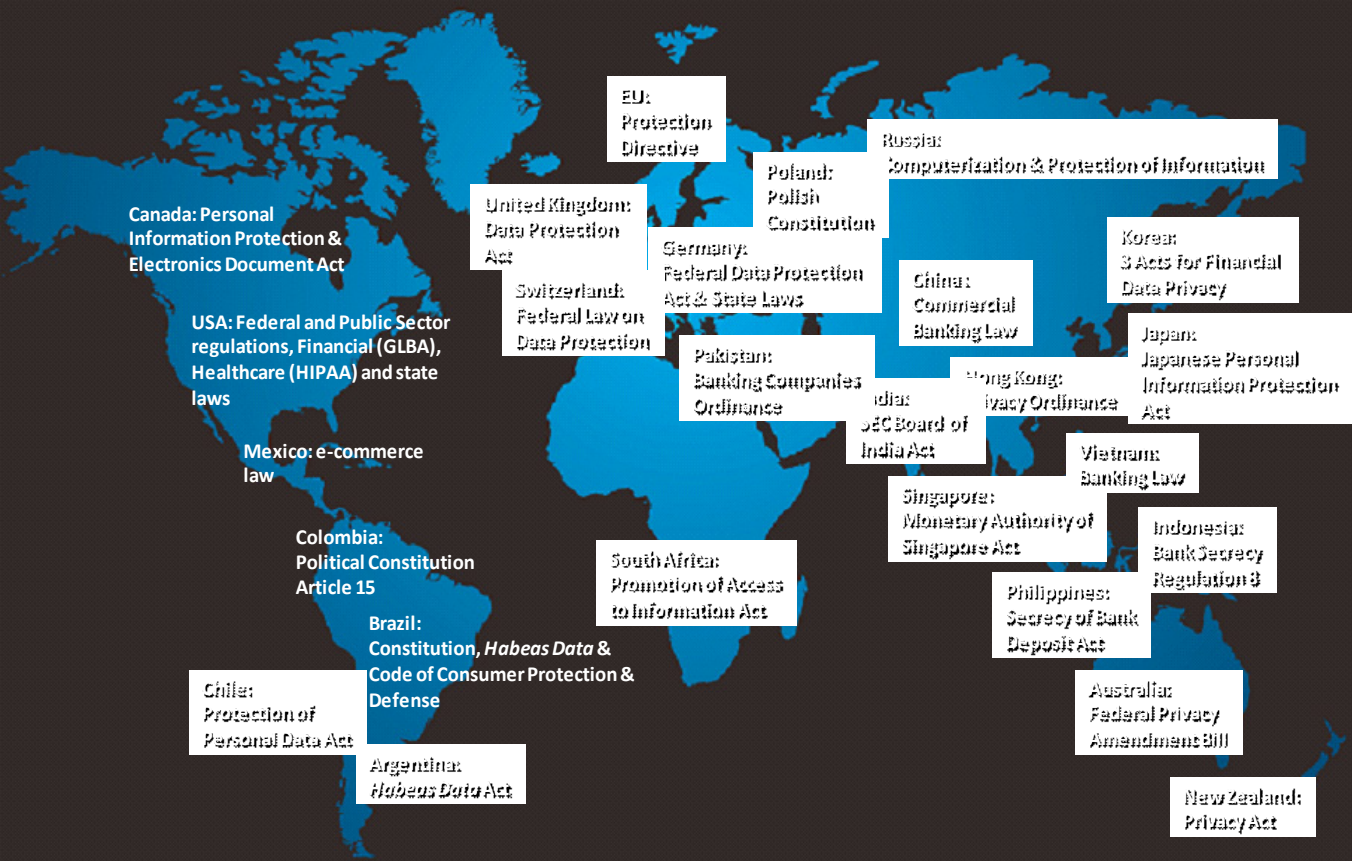
Grid-Tools offer the flexibility of creating data which models the referential and business integrity of production environments and/or masks and anonymizes production data; providing your organization with rich, compliant data sets. The result is less data, but more variety. This offers a flexible solution and a strategic method, with the data transforming into a reusable asset.

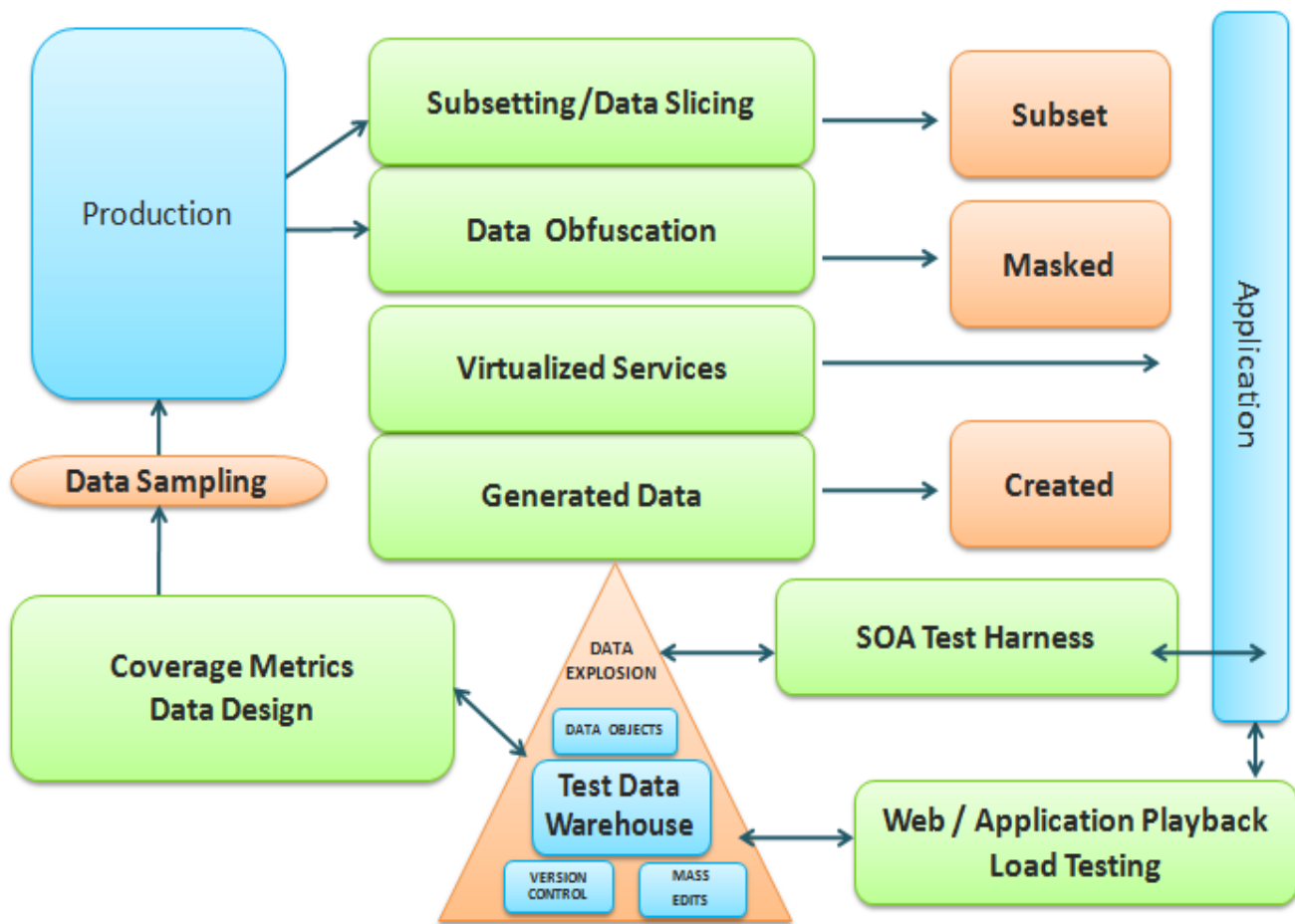
The creation of synthetic or masked data targets the problem of editing, hacking and manipulating production data; reducing test and development cycles, reducing disk space and saving time and money. It also eliminates the need to manually ensure your company's financial records remain confidential. The end product is completely compliant with each of the measures listed below internationally, and many others.

**“Can you create test data ..., can it get populated into a database..., can you do it within a reasonable price point? Grid-Tools have demonstrated they can do all of this. In truth, I would be surprise how any one launching a big system can do without something like this. I think it is a mandatory thing to do”.**

**UK Credit Card Company**

# International data regulation






With a robust solution and unrivalled flexibility, Grid-Tools offer three methods for managing and creating data, which can be used in isolation or in combination. The ability to utilize each of these methods for all test cycles and projects is an approach unique to Grid-Tools. In using these methods, Grid-Tools strive to offer financial organizations data that is clean, manageable, consistent and timely.

**Database Subsetting** - Create data slices of your production databases based on specific project criteria

**Data Masking** - Use obfuscation functions to anonymize production data so it is unrecognizable and compliant with regulating bodies

**Data Generation** - Through a modelling and sampling process, create and generate synthetic data with all of the referential integrity and likeness of production environments



**Test Data Warehouse** - Build a test data repository containing the test data you need for all your testing environments

The Datamaker Suite is simply the world's most advanced test data management software.

## 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.