



Data Sheet

TriZetto® Test Data Generator for Facets®

Establishing control over non-production data.

How does a health plan generate and control development and test database environments while still protecting the personal information of its employees and members?

Solving the dilemma

TriZetto Test Data Generator for Facets addresses this issue by creating non-production data sets for use in testing with the TriZetto Facets core administration system.

This data copy tool masks key personally identifiable information for a subset or full selection of source data. It allows the user to request a specific number of members from a production database, and then acquires the relevant groups, providers and claims—creating key word files with all new identity information. The result is size-controlled data sets of randomized non-production data.

Test Data Generator for Facets is part of the Cognizant® line of TriZetto Healthcare Products—a portfolio of software products that helps healthcare organizations enhance revenue growth, drive administrative efficiency, improve cost and quality of care, and improve the member and patient experience.

Why is de-identified data important?

According to DataFile Technologies:

- 4% of healthcare organizations have had at least one data breach.
- HIPAA data breaches cost the healthcare industry \$7B every year.
- An external attach can cost an average of \$56K and an insider breach \$2.7M.
- The average number of lost or stolen records per breach is 2,769.
- Internal business associates caused 25% of breaches involving 500 or more records.

Health plans can use this tool to:

- Reduce PHI exposure by masking names, addresses, dates and ID numbers.
- Create multiple specialized test databases—defining their size and composition.
- Eliminate non-targeted environment copies.
- Reduce demands on specialty IT resources.
- Improve testing process performance through smaller and more targeted data sets.

How it works

The test data generator allows the user to identify or randomly select a set of data from a designated Facets source database—indicating the type of data to be masked. The tool acquires the data, masks as directed, and then creates Facets batch consumable data files that can be used in one or many environments. With masking activated, the process can be executed multiple times to create concentrated or large data sets. Alternatively, empty environments can be loaded with small amounts of data to significantly reduce data capacity requirements.

Data migration capabilities:

- Migrate provider data between environments or create new providers by masking existing provider records.
- Migrate existing groups or create new groups by masking the group ID.
- Migrate existing subscribers/members or create new subscribers by masking the records.
- Migrate relevant claims data based on a combination of subscriber/provider association.
- Migrate accumulators/authorizations, or not, depending on desired data utilization requirements.

Test data creation includes the following de-identification routines:

- First names, last names and city names are replaced with random names selected from a names database.

- Random number generators create realistic but de-identified member ID numbers, Social Security numbers or other identifying numeric values.
- Dates generally retain the year, with randomly selected months and days. Specific rules for age and other dates apply with the intent of retaining data quality.
- Data is modified in all corresponding locations, retaining record connectivity for traceability. Once de-identification is complete, logs are purged to eliminate re-identification of the data through database log content.

Reach your objectives faster

In addition to the TriZetto Test Data Generator for Facets, we offer an extensive line of solutions and services that harnesses the power of digital to optimize your business. Achieve new levels of performance and efficiency with digital business, digital operations, and digital systems and technology capabilities from Cognizant.

For more information about how the Cognizant line of TriZetto Healthcare Products can help you enhance revenue growth, drive administrative efficiency, and improve cost and quality of care, call 1-800-569-1222 or visit www.cognizant.com.

About Cognizant

Cognizant's Healthcare Business Unit works with healthcare organizations to provide collaborative, innovative solutions that address the industry's most pressing IT and business challenges—from rethinking new business models, to optimizing operations and enabling technology innovation. A global leader in healthcare, our industry-specific services and solutions support leading payers, providers and pharmacy benefit managers worldwide. For more information, visit www.cognizant.com/healthcare.



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