

## 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 personal identifiable data for a subset or full selection of source data. It allows the user to request a specific number of members from a production database, 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 help 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 \$7 Billion every year
- An external attack 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
- 25% of breaches involving 500 or more records was caused by an internal business associate

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, 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 dates. Specific rules for age and other dates apply with the intent of retaining data quality.
- Data are modified in all corresponding locations so record connectivity is retained 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 harness 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](http://www.cognizant.com).

#### ABOUT COGNIZANT

Cognizant (NASDAQ-100: CTSH) is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. Our unique industry-based, consultative approach helps clients envision, build and run more innovative and efficient businesses. Cognizant's line of TriZetto Healthcare Products is a portfolio of software solutions that help healthcare organizations enhance revenue growth, drive administrative efficiency, improve cost and quality of care and improve the member and patient experience. Headquartered in the U.S., Cognizant is ranked 230 on the Fortune 500 and is consistently listed among the most admired companies in the world. Learn how Cognizant helps clients lead with digital at [www.cognizant.com](http://www.cognizant.com) or follow us @Cognizant.



**World Headquarters**  
 500 Frank W. Burr Blvd.  
 Teaneck, NJ 07666 USA  
 Phone: +1 201 801 0233  
 Fax: +1 201 801 0243  
 Toll Free: +1 888 937 3277

**European Headquarters**  
 1 Kingdom Street  
 Paddington Central  
 London W2 6BD England  
 Phone: +44 (0) 20 7297 7600  
 Fax: +44 (0) 20 7121 0102

**India Operations Headquarters**  
 #5/535 Old Mahabalipuram Road  
 Okkiyam Pettai, Thoraipakkam  
 Chennai, 600 096 India  
 Phone: +91 (0) 44 4209 6000  
 Fax: +91 (0) 44 4209 6060