

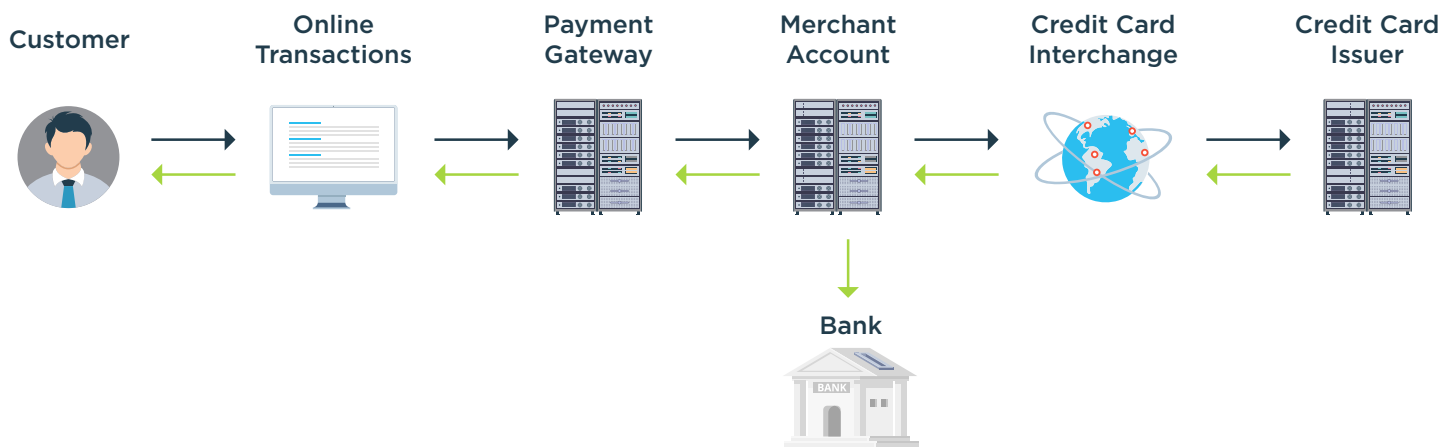
SOLUTION SPOTLIGHT

COMPLEX DATA FEEDS

Complex data feeds may include dozens of data inputs, encrypted data, and multiple platforms using various programming languages. To test such feeds requires an extensive variety of data formats and sufficient volume to run unique tests on each potential combination.

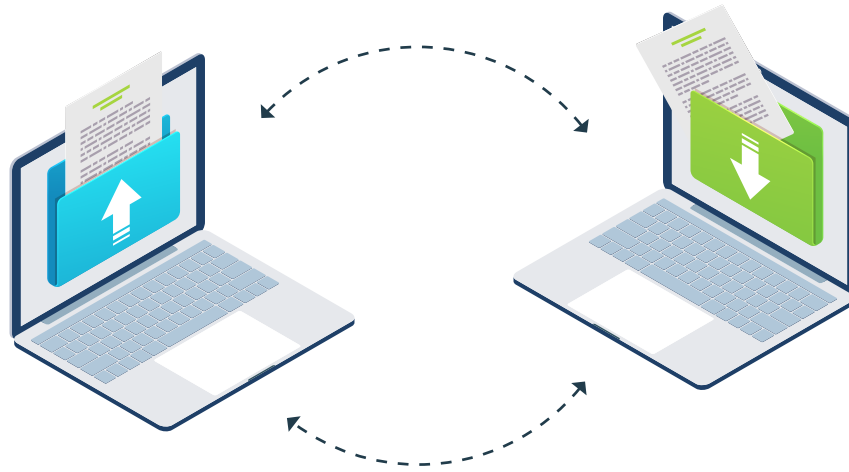
However, it can take days to provision and mask production test data, or to create it manually for a single test. Producing test data for all of the complex data feeds in a large enterprise can take months. By then, testing parameters may have changed; new combinations arise and early test results may need to be repeated. It is a never-ending cycle, but fortunately, one that can end with the right volume, variety, and format of test data to thoroughly test complex data feeds.

Credit Card Transaction Data Feed



The illustration above shows a complex data feed for a credit card transaction process. Testing the systems that process this transaction data requires test data with the data variations needed to expose software defects in the volume required to simulate various traffic loads.

And of course, all sensitive customer data like credit card account numbers must be anonymized.



GenRocket: Synthetic Self-Service Test Data Solution for Complex Data Feed Testing

GenRocket's synthetic self-service test data solution for complex data feed testing offers exceptional velocity when it comes to producing test data. Not only can this data be produced quickly, it can be created to your testing specifications, ensuring the most useful variety and format for your testing needs.

- ✓ 100% secure - no personally identifiable information is ever used
- ✓ Easily creates nested layers of data for multiple test applications
- ✓ Produces thousands of records built to **your** test specification
- ✓ Simulate the confluence of many and varied data sources

We can produce the **data volume**, **data variety**, and **data format** that you need, in a fraction of the time it takes to manually create test data or provision masked production data.

A great choice for industries with strict standards of privacy, compliance, and accuracy.



Generates Multiple Formats

- SWIFT
- Kafka
- MQ
- JSON
- XML
- Dozens more (and more coming!)

An Example: Testing Unique Data Feeds with GenRocket Synthetic Test Data

GenRocket synthetic self-service test data helped one major financial institution test a general ledger system with multiple dependencies and data feeds connected to the central Oracle cloud. Their data center diligently scrubbed and masked production data for testing, but to no avail: it was taking too long. GenRocket successfully simulated the same production data in a fraction of the time, easily matching the unique architecturally complex data feed. The result: a successful test without the headaches of manually created or masked production data.

Rule-Based, Unique Synthetic Test Data

GenRocket's synthetic self-service test data enables you to generate the data needed to test complex data feeds with ease, in a fraction of the time it takes to mask or manually create the data. Our rule-based and unique synthetic test data provides you with the fuel you need to propel your testing to the next level of quality and performance.

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