

# FILEgen®

## Accelerate Testing of Offline Processing

Testing ePayment batch processing is just as important as testing online processing. Batch processing specialists face the same issues with network mandates and system changes as their online counterparts. Typically, though, batch testing is on hold until online testing completes—because batch testing requires offline data files that include meaningful transaction data. Delays during online testing lead to abbreviated offline testing, poor data samples mean some scenarios aren't tested at all—and less testing means more things can go wrong.

Now the leading company for online simulation brings you FILEgen to easily generate test batch files *earlier*—files with *exactly* the data you choose—from your online test results.

### Bring the value of simulation to offline testing

Use FILEgen to import your online test data from FASTest and export data files for testing offline processing. Now your online and offline testing can occur in tandem. Edit and manipulate data to generate your own test cases for End of Day, Reconciliation, Clearing and Settlement, and Risk Assessment. Increase productivity by pre-scheduling FILEgen to run automatically—day or night.

### Select precisely the records you want; edit any data you choose

Review imported test data before creating batch records. Use FILEgen controls to create batch files for a specific settlement or business date. Select records for inclusion by specific fields (such as merchant ID, or Issuer/Acquirer), or from multiple test schemes.

"It doesn't matter how well your online systems work if your batch systems fall over. FILEgen gives you the ability to thoroughly test your settlement systems to ensure that money is moving properly."

**Jim Perry** - CEO  
Paragon Application Systems

### With FILEgen Your Organization Can:

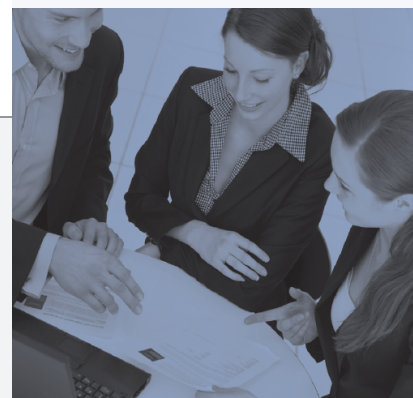
Produce simulated batch files from online results

Enable earlier testing of batch processes for settlement, reconciliation, end of day, and more

Enable earlier testing of network mandate changes

Improve efficiency and shorten your overall test cycle

Enable customization of offline test data



### **Fast, easy generation of offline test data**

In a few steps, you can use FILEgen to import relevant data from your online testing—using the FASTest persistent log from your QA and regression testing—and produce a file that you can use to test your offline processing.

- Import online test data from FASTest, Paragon's QA and regression testing tool.
- Select the input test scheme and output file format, and use the available filters (date, time, etc.) to select specific records.
- Combine the test data with offline data (for example, addenda or static records), if desired. Design test data to meet your offline testing needs.
- Edit or modify data in the selected records, as desired. You can even modify fields to include suspect data for negative testing.
- Generate your customized file (such as an end of day processing file, settlement file, etc.) for use in testing your offline processes.

### **More efficient use of test time, more time for offline testing**

"Backend" processes are often under-tested because of the time spent perfecting online processes. All batch processes wait for online testing to complete (or to come close to completion) so that meaningful test data can be generated. Now online testing and offline testing can occur simultaneously, so issues with batch processing can be uncovered and addressed sooner.

### **Customized offline file formats? Our Services team is ready!**

Sometimes record formats are specialized. Processing systems can have unique requirements. Can Paragon address your data file needs? Absolutely!

Paragon Professional Services provides customization services for formats, such as:

- Building your file in ASCII or EBCDIC
- Creating the appropriate headers and trailers for your batch system
- Mapping online fields to batch fields
- Adding addenda records or other static records
- Customizing record selection criteria
- Customizing the output record types
- Making modifications for record types

Paragon has extensive experience working with over 100 different financial message formats.

**Prerequisites:** FASTest 2.4 and its associated prerequisites; that is, Microsoft® Windows® XP, or Windows 7; 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor; 1 gigabyte (GB) RAM (32-bit) or 2 GB RAM (64-bit); 16 GB available hard disk space (32-bit) or 20 GB (64-bit); appropriate communication with the partner application. Note that FILEgen is designed for installation only on English language versions of these operating systems. Installation on non-English language versions is not supported.

