

# Web FASTest™

## *QA and Regression Testing—Worldwide, 24-Hours-a-Day—Via the Web*

Finally, resolve logistical issues that prevent your testers from being able to test as often or as thoroughly as they'd like. Your switch network members, QA technicians, and program developers can conduct comprehensive scripted testing—worldwide, 24-hours-a-day—through your Internet or Intranet connections.

**Enable remote users to conduct intelligent automated testing of devices and message exchanges from their PCs—anytime!** Now the robust test capabilities of FASTest™ are always available to your remote users. Issues such as differences in time zones between your users and your network, unavailability of network certification personnel, access to the local test PC, and so forth, are no longer testing roadblocks. And there's no need to install any additional software on remote PCs—remote users only need a PC with a Web browser and an Internet or Intranet connection, and the user name and password you provide.

**Update test data centrally for immediate use by multiple remote users.** You create and maintain the data files (scripts, terminals, field values, etc.) used for testing and Web FASTest automatically accesses the appropriate data for each user. Have you added a new message format? A new terminal type? When you update the data files at your installation, those updates are also available to your remote users. Remote users are not burdened with data maintenance, and access to current data files ensures their testing is valid.

But centralized test data doesn't mean users are limited to generic tests. Customize a group of scripts for one switch member, or even for a particular user ID at one site. Increase efficiency and simplify test data management by creating groups of users who share communication settings, tests, and more. Reports enable you to monitor testing progress by user ID.

**Free your certification testers from repetitive tasks.** Typically, certification testing involves not only someone at your network member's site, but also a technician at your site who conducts the same test transactions time and again for each user. Web FASTest frees your technicians from often-repetitive testing tasks and allows them to devote their time to resolving more complex issues.

### Web FASTest provides:

- **Freedom from remote setup.** No software is distributed, installed, or managed at remote sites. No communications setup or testing is needed.
- **Accessibility by multiple users at each remote site—and generic or customized testing.** Use existing Web FASTest scripts tailored to your network, or provide customized test data for a specific user.
- **More convenient test times** because office hours, time zones, and available lab equipment are no longer testing considerations.
- **Centralized maintenance of test data** (scripts, terminals, field values) so you can ensure testers access valid data—and get meaningful test results.
- **Immediate availability of data file changes** such as new message formats or terminal types. Update the data files at your installation and those updates are instantly available to your remote users.
- **Capability to manage tests for multiple devices and users** via Web FASTest's Virtual Host
- **Easier research of logged test data.** All remote test messages are logged and are available for query (for example, to determine which errors were encountered during testing).
- **Designed for deployment in high-security environments.** Web FASTest has been designed to deploy in the high security environments required by organizations in the financial sector.

### **Offers Web-enabled version of powerful FASTest capabilities**

As a FASTest user, you are familiar with FASTest's robust scripted test capabilities. Now you can develop test data files for your users and offer them remote access to many of those same FASTest features, without installing Web FASTest on their PCs, such as:

- Testing all message types—even testing EMV!
- Executing either single transactions or scripts containing multiple transactions
- Overriding field values in transactions
- Choosing from available test terminals
- Using existing test cards, editing card data, or adding new cards
- Viewing test results to determine immediately if a message was processed, as well as to obtain detailed information on any field in the message. Your Web FASTest administrators can see test results by user ID. You can even import native host log files into Web FASTest for analysis and formatted display.

### **Offers Virtual Host capabilities**

Web FASTest can actually simulate a host system, enabling you to:

- Manage tests for many devices or users
- Accept any number of connections on a single port
- Parse and inspect messages and examine them for criteria by which to match tester and test (for example, matching testers and tests by terminal ID or merchant ID)

### **Serves internal and external users**

Remote users may be closer than you think. Users who can exploit a Web-enabled version of FASTest include (but aren't limited to):

- Switch network members who would like to pre-certify using your test scripts
- QA technicians who need to quickly and methodically test a variety of transactions
- Program developers who need to test the processing of new or revised message fields

### **Provides "profile" of data files linked to each User/Group ID**

In the same way that you can associate specific data files with multiple FASTest instances on your PC, data files can also be associated with Web FASTest remote users or user groups. The contents of these data files create a "user profile" that determines which test scripts the users can perform, what cards and terminals they can use, what the default values are for the fields, and so forth. You can share the same data files among many users, or customize data files for a specific user.

### **Logs all remote test messages**

All message traffic from each remote user is logged and available for queries. Details in the message log assist you in evaluating overall test results, determining error frequencies, and so forth.

### **Prerequisites**

**Ideal Hardware Configuration:** Athlon X2 3800+, Intel Core Duo 2.0 GHz processor; 2 GB RAM, 20 GB free disk space, 7200 RPM, dedicated hard disk for database.

**Minimum Hardware Configuration:** Athlon 64 3000+, Intel P4 3.2 GHz processor; 1 GB RAM; 20 GB free disk space, 7200 RPM.

**Software:** Windows Server 2003, IIS; SQL Server 2000 or later (SQL Server 2005 recommended), or Oracle 10g or later; Microsoft .NET 3.0 Framework.

**Note:** Paragon solutions are designed for installation on English-language versions of these operating systems only. Installation on non-English versions is not supported.

### **About Paragon Application Systems**

Since 1994, Paragon has provided software testing solutions to simulate and test virtually any point in the transaction processing stream. Our high rate of repeat business reflects our expertise and commitment to customer service. We invite you to join the ranks of our satisfied customers.