



Product Sheet

www.fasttestweb.com

Name	FastTEST Web
Website	www.fasttestweb.com
General description	FastTEST Web is a web-based system developed as a comprehensive solution for item banking, test development, test management, and online test delivery. It has been designed for user-friendliness and psychometric sophistication; tests can be developed and delivered with item response theory (IRT), making them more powerful and precise. Unlike many systems, which are designed primarily for online testing, FastTEST Web is designed to cover the entire test development cycle.

General features

Support	Both technical and usability support included; free training via webinar; free bank of tutorial videos; in-person training available.
Easy to Use	<i>FastTEST Web</i> is designed primarily to make advanced psychometrics and test development as user-friendly as possible. The system's four tabs represent the major steps in test development: item banking, test assembly, test delivery, and reporting. Commands can be executed both with buttons or by right-clicking. A free trial account is available to evaluate user-friendliness.
Item response theory	Utilized in item banking (item response/information functions), test assembly (test information/error functions), test delivery (fully adaptive testing), and scoring (maximum likelihood and Bayesian).
Test delivery	All tests have the option of paper and pencil or web delivery (with classical or IRT scoring), or a mix. Paper results can be imported to utilize result management, score reporting, and analysis capabilities.

Item banker features

Assessment blueprint support	Yes; blueprints are built into folder structure. A field is included for detailed educational objectives. Bank blueprints can be ported into test blueprints.
Item banker fields	IRT and classical statistics, keywords, Angoff, user-defined fields, author, comments; many more.
Item review module	User review and ratings of items, such as Angoff ratings.

Remote authoring	Users can log into FastTEST Web from anywhere to author, review, and edit items. Items can also be authored in Word templates and uploaded.
Equation editor	Yes, native to item editor.
Multimedia	Audio, video, and images. Numerous formats supported.
Educational objectives/standards	Standard hierarchy built into folder structure; "Objectives" tab is associated with every item category
Workflow for development	Workflow is managed by item status (new, under review, active, retired), and edits/comments are recorded for an item history report
Item types	Multiple choice, multiple response, rating scale, partial credit, essay, short answer, survey, instructional. More will be added in the future, so customer can request additional types.
Item bank summary report	Summarizes entire bank; plan your bank development and test assembly more efficiently

Test management features

Test management	Tests are assembled from items; parallel and scrambled forms can be easily created. Tests are managed in a familiar folder system.
Randomization	Items can be randomized to create several alternate fixed forms for paper delivery; online delivery allows items and answers to be randomized for each examinee if desired.
Item searching	Search for items based on item bank fields (status, statistics, etc.) to find items that meet your specifications.
Test assembly	Classical: estimated mean, SD, reliability. IRT: test information function, standard error function. Both: mean and SD of item statistics.
Pretest items	Items can be specified as pretest (aka beta or pilot) items in a test.
Standard setting	FastTEST Web will calculate the average Angoff rating, to use as a cutscore; or calculate your own.
Automated test assembly	Performed outside FastTEST Web using TestAssembler (click here).
Adaptive testing	Fully adaptive tests based on IRT, which are much more powerful than predefined branching.

Test delivery features

Examinee scheduling	Examinees are uploaded and assigned a test, and are sent the login key when ready, or can register at the test. Can link to your scheduling system.
Assessment delivery capabilities	Paper and pencil (manages multiple printed versions); web delivery (with classical or IRT scoring)
Examinee management	Examinees are managed in a folder system. After tests are

	administered, there are various reports available to summarize information.
Language support	The system itself is in English; tests can be written in any language, including right-to-left languages.
Scoring methods	Number-correct, proportion-correct, IRT maximum likelihood, IRT Bayesian
Scaled scoring	Linear conversions, both norm-referenced (mean, SD), and criterion-referenced ($y = mx + b$)
Classification	Classify examinees with a cutscore
Customizable score reports	Compose your own end-of-test examinee reports, including separate messages for Pass and Fail results

Security

Role based security	Seven roles available to ensure security: administrator, bank manager, item writer, item reviewer, browse user, test creator, and test scheduler.
Browser encryption	SSL
Browser lockdown	Available for test delivery.
Workspace activity report	Account administrator can track the activity of user accounts

Technical specifications

Licensed system	Annual license if hosted; custom solutions available.
Private label branding	Customers can brand with their logo and colors.
Supported OS	Any OS, because it is web-based.
Supported browsers	IE8 or better, Firefox 3, Chrome, Safari.
Repository (database) technology	High performance MySequel and INNODB on professional server system in former federal bank building. The environment is built upon a scalable framework accommodating any size electronic testing group with real-time interaction and feedback.
Item/test import formats	RTF, Word (XML); QTI; FastTEST (PC version)
Item/test export formats	RTF, PDF, HTML, DOC, CSV, QTI
Data export format	CSV (spreadsheet), HTML
API support	Yes; we can interface with your existing systems, such as candidate registration.