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### FastTEST Web's Mission

FastTEST Web's mission is to provide a cost-effective solution for web-based test development and delivery at a professional level, namely with full support for item response theory (IRT) and computerized adaptive testing (CAT).

### FTW Offers

- Collaborative item banking and workflow tracking
- Test assembly and form management
- IRT and classical test theory
- Secure-lockdown online test delivery
- Computerized adaptive testing (CAT) at no extra cost
- Powerful and customizable reporting
- Detailed psychometric analysis
- Control security with roles and content access
- Geographic independence
- Flexible and easy to use interface

## Introduction

Welcome to the first FastTEST Web (FTW) newsletter. I hope you enjoy reading about FTW, its current endeavors, events, and industry information.

Developed and released in the spring of 2010, FastTEST Web (FTW) is the most powerful system available to support organizations involved with formal examinations. FTW offers a complete online solution for developing, managing and analyzing exams. FTW is jointly owned and operated by Assessment Systems Corporation (ASC) and 4ROI. Please see excerpts from the press release on page 2 regarding their strategic partnership.

I invite you to check out FastTEST Web at [www.fasttestweb.com](http://www.fasttestweb.com) and sign up for a free 30 day trial to review all of FastTEST Web's capabilities. Follow us on Facebook and Twitter for bi-weekly updates.

Thank you

*Kimberly*

Kimberly Bennett, Product Marketing Manager, FastTEST Web

# FastTEST Web Press Release

## ASC and 4ROI Announce Strategic Partnership

MINNEAPOLIS/SAINT PAUL, MN – February 5, 2011: Assessment Systems Corporation ([www.assess.com](http://www.assess.com)) and 4ROI ([www.4roi.com](http://www.4roi.com)) have announced a strategic partnership that provides a completely customizable end-to-end solution for testing and assessment programs. The partnership utilizes the unique core strengths of each company to provide a comprehensive and coordinated solution, thereby providing better service to their clients. ASC's core competencies are in the areas of test development and psychometrics, while 4ROI brings expertise in operational issues involved with web-based management of the professional certification process such as: registration systems, test delivery, access to a network of secure computerized testing centers, and documentation of certification. Organizations interested in a complete yet cost-effective testing solution are encouraged to contact [solutions@assess.com](mailto:solutions@assess.com).

This merging of capabilities covers all major aspects of the assessment process, with a focus on professional credentialing:

- Job analysis and test specification studies
- Item bank management (or software for you to manage your own)
- Item writing and review workshops
- Standard setting (cutscore) studies
- Assemble and manage test forms
- Psychometrics (item analysis, equating, etc.)
- Register examinees and process payment
- Fully automated administration and notifications
- Deliver tests online or via paper, proctored (test centers) or unproctored
- Score and manage test results
- Process credential materials (e.g., certificates)
- Secure hosting
- Accreditation application support

To view the full press release, please visit: [www.fasttestweb.com](http://www.fasttestweb.com).



### About ASC

ASC brings over 30 years of experience and the expertise of four Ph.D. psychometricians with experience in topics such as item writing, standard setting, automated test assembly, item response theory (IRT), and computerized adaptive testing (CAT). ASC's consulting process is client-focused and designed to be both psychometrically sophisticated and cost-efficient.

ASC also provides software tools for a full range of psychometric procedures and processes, empowering organizations to produce more reliable tests while also streamlining the business and operations of test development and psychometrics. The full catalog of software is available in the ASC web store at [www.assess.com](http://www.assess.com).

### About 4ROI

4ROI is a leader in the development and administration of efficient internet-based assessments and accredited certification tools. 4ROI builds assessment tools for clients to use as their own or to sell to others, as well as offering a range of brand assessments. 4ROI supports business, educational, and governmental service providers by conceptualizing, implementing, and commercializing online assessment systems and certification programs. 4ROI has built over 500 assessment systems for clients ranging from Fortune 100 organizations to single-person consulting firms, and delivers these assessments throughout the United States as well as internationally. To learn more about 4ROI, please visit [www.4ROI.com](http://www.4ROI.com).



## New Features on FastTEST Web

### *These features have been recently implemented*

- Subscoring capability provides detailed feedback to examinees with subscores (domains or content areas), including item response theory (IRT) subscores; utilizes intuitive drag-and-drop interface for building your domain structure, or import bank structure
- Import examinee responses from tests delivered by paper-and-pencil or third-party vendors, allowing you to use FTW for results management, reporting, and psychometric analysis
- Simple Text import format, in addition to RTF, FastTEST 2.0, Word XML, and QTI formats
- Redesigned test delivery interface and buttons that are more user friendly
- The FTW manual is now available in HTML for convenience

### *The features below are scheduled to be released by March 1, 2011*

- A complete redesign of the Item Editor to be more intuitive and WYSIWYG; answer tabs will be removed, making the item writing process even more efficient
- API calls for examinee registration and retrieving examinee results, allowing you to link directly with your systems, such as a credential management database
- A "Ratings" tab in the item editor for assigning Angoff rating or other types of ratings during the expert review process
- Japanese translation of the FTW application; we can also translate to your language – just contact us

## FTW Design at a Glance

### **Test Development**

- \*Item Banking
- \*Item Response Theory
- \*Test Assembly
- \*Reporting
- \*Security

### **Test Delivery**

- \*Online
- \*Paper & pencil
- \*Hosting
- \*Computerized Adaptive Testing (CAT)

### **Services**

- \*Psychometric Expertise
- \*Assistance/Customization/API
- \*Free training
- \*Free 30-day Trial**

### **Q: Can I get immediate results for examinees?**

Examinees can receive immediate individual results either on the computer screen or emailed to them directly once they are finished with the test. FTW currently offers a large number of result values, such as number of items in test, attempted, and correct, as well as a complete subscore reporting for detailed feedback. FTW allows the test developer to design custom reports that deliver automated individualized results immediately as the test is completed.

## FastTEST Web Uniqueness: CAT

**FTW is the only web-based testing system with Computerized Adaptive Testing!**

Known as CAT, computerized adaptive testing is a dynamic method of test administration where items are selected one at a time to match item difficulty and candidate ability as closely as possible. This helps prevent candidates being presented with items that are too difficult or too easy for them, which has multiple benefits. Often, the test only takes half as many items to obtain a similar level of accuracy to form-based tests. This reduces the testing time per examinee and also reduces the total number of times an item is exposed, as well as increasing security by the fact that nearly every candidate will receive a different set of items. Visit <http://www.fasttestweb.com/adaptive-testing.php> to learn more about how CAT can make your test better!



## Free FTW Trial

Want to find out more about how FTW is your complete online testing solution? Sign up for a free trial at [www.fasttestweb.com](http://www.fasttestweb.com).

**FastTEST Web Newsletter  
ISSUE 01 February 2011**

## Upcoming Events

### FTW Staff Presenting at ATP Conference

The Innovations in Testing conference, hosted by the Association of Test Publishers (ATP), is being held in Phoenix, AZ, February 27 – March 2. ASC's Vice President and lead psychometrician, Nathan Thompson, will be making two presentations. "How to Build a CAT" presents a model for how to apply the advantages of adaptive testing for your assessments; this type of model is a first in the field. "Assessing Response Aberrancy with Item Response Theory," presented with Shungwon Ro of Kenexa, explores the use of person fit analysis for response aberrancy. Please join us if you are interested in either of these topics, or would like to learn more about our cutting-edge software tools.

### Spring 2011 Conferences

11<sup>th</sup> Annual Texas A&M Assessment Conference Feb. 20-22 <http://assessment.tamu.edu/conference>

8<sup>th</sup> Annual Assessment of Academic Advising Institute, Feb. 23-25,  
<http://www.nacada.ksu.edu/assessmentinst/2011/index.htm>

Higher Education Assessment & Retention Conference February 24-25 <http://www.nmsu.edu/nmhear/>

12<sup>th</sup> Annual Innovations in Testing Conference February 27-March 2 <http://www.testpublishers.org>

Network for Academic Renewal Conference March 3-5, <http://www.aacu.org/meetings/generaleducation/index.cfm>

2011 NASPA Annual Conference March 12-16 <http://www.Naspa.org/conf/default.cfm>

AACSB Assessment Conference March 14-16 <http://www.aacsb.edu/assessment>

2011 NCME Annual Meeting & Training Sessions <http://www.ncme.org/meeting/index.cfm>

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