

# *Solutions Through Innovation:*

## Test Development Services

SMT provides flexible, high quality solutions to meet your test development needs. Following the development of a test blueprint through a Job/Task Analysis or other documentable process, SMT will work with your staff and subject matter experts (SMEs) to:

- ≈ Write and review test questions
- ≈ Develop test forms and versions
- ≈ Establish valid, defensible passing scores
- ≈ Analyze, equate and scale tests

Consistent with our routine practice, SMT will work with you to determine appropriate models and procedures, applying technology to streamline and customize your program.

We offer you the option of **on-line item writing** through our innovative SMT-Item.Net<sup>®</sup> service, which allows your item writers anywhere, anytime access to a secure copy of your organization's item bank(s). Allowing item writers to author, review, and edit test questions from their own offices, on their own schedules makes it easier to get volunteers and can save you thousands of dollars in travel expenses.

Our SMT-Bank<sup>®</sup> software provides you with the flexibility of delivering your exams through any media—paper & pencil, computer-based testing, or web-based administration. SMT-Bank also supports multiple versions of your exam forms by scrambling items.

SMT test development and psychometric professionals are experienced workshop leaders, ensuring that your meetings are cost-effective. SMT has conducted hundreds of standard-setting (passing score) meetings using the Angoff approach. SMT is an expert in establishing the concept of minimal competence, an essential step in establishing valid passing scores.

SMT can also help reduce your test development costs by initiating an item pre-test (pilot) program which collects data on new test questions on active test forms. Through the application of Item Response Theory, an advanced statistical technique, SMT can then create new forms with pre-determined statistical characteristics, including passing scores.

*Whatever your test development needs, SMT has the experience, the tools, the personnel, and the commitment to ensure that your certification or licensure examinations are valid and defensible. We work closely with you to ensure that your resources are used cost-effectively and efficiently.*



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