



New York State Technology Enterprise Corporation

**NYSTEC Review of
SysTest Del 4-Evaluation of Prior Work V1.1 document**

**New York State
Board of Elections**

Submitted to:

New York State Board of Elections
40 Steuben Place, Albany NY 12207

May 30, 2008
Version 1

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1. SCOPE OF THIS DOCUMENT

The NYS Board of Elections requested NYSTEC to complete a review of the SysTest “Del 4-Evaluation of Prior Work_v1.1.doc” submitted on Thursday May 29, 2008 to assist in determining acceptability of the deliverable.

2. REVIEW FINDINGS

The content of this document and its recommendations for re-use are consistent with NYSTEC’s expectations. More specifically that SysTest’s recommendation is to accept and utilize a subset of the prior testing from both the prior ITA and SysTest which fall mostly in the area of hardware testing and some TDP documentation reviews.

3. NYSTEC RECOMMENDATION

Even though the content of this document, as we understand, it is consistent and acceptable we recommend a few changes to the document prior to acceptance and approval of the deliverable.

The purpose of these recommended changes are to clarify what specifically was to be accepted and how it was evaluated.

The following are those recommendations for changes:

General

An executive summary should be added at the top that includes bullet items or a table of what was actually accepted for re-use.

Section 2.1.1 Review of Prior ITA Test Cases and Results

The bullets under the sentence “The analysis consisted of the following activities:” read like SysTest actually did a document review and a code review as opposed to reviewing the artifacts for validity. They should be modified to indicate that they were the artifacts that were reviewed and not that SysTest actually did a review.

Section 2.1.2 Review of Other State Verification Testing or Other VSTL Certification Testing

Same comment as section 2.1.1 on the bullet items within this section

Section 2.1.3 Review of Prior and/or Current SysTest Labs VSTL Engagements

Same comment as section 2.1.1 on the bullet items within this section

Section 3.2.6 State Security Reports

Excellent.

Table 1 – Prior EAC Document Review VS Current NYSBOE Review

It seems odd that a document (First row) submitted for EAC certification would be of a later version than the same document submitted for NYS certification. SysTest may want to explain this. Several of the documents fall into this category.

Section 3.3.4 Hardware Test Results and Reports

This section indicates that the prior hardware tests were not usable since there were significant hardware changes. Perhaps it would be beneficial to explain how there could be significant hardware modifications and yet the previous source code review is 100% usable. SysTest may want to explain this here so the question of “why” is answered before asked.