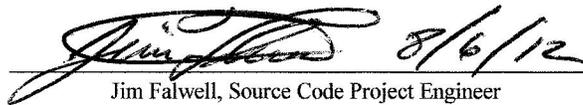




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**SOURCE CODE REVIEW REPORT
FOR
DOMINION VOTING SYSTEMS, INC.
BMD 4.9.6**

Prepared by:

 8/6/12
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NVLAP LAB CODE 2007-14

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EAC Lab Code 0704

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1.0 INTRODUCTION

This review covers the Dominion BMD version 4.9.6 software received by Wyle on August 03, 2012. The submitted source code was subjected to a full source code review.

<u>Application</u>	<u>Old Version</u>	<u>New Version</u>
BMD	N/A	4.9.6

2.0 INITIAL OBSERVATIONS

There are approximately 105,000 LOC (Lines of Code) in the BMD 4.9.6 product. However, all but approximately 52,000 LOC are shared with either the ICC or ICP products. The shared portions of the BMD code package have passed Wyle's source code review as part of the review processes applied to the source code reviews of ICP 4.9.7 or ICC 4.9.11. The shared portions of code are therefore deemed to be in compliance with the VVSG standards. During the review of this remaining 52,000 LOC of BMD 4.9.6, there were discrepancies found in the code in relation to compliance with the EAC 2005 VVSG software standards.

3.0 CONCLUSION

The discrepancies noted in the BMD 4.9.6 review were:

22	Header Parameter	Comment related
1	Header Return	Comment related
1	Header Purpose	Comment related
2	Header Inputs or Outputs	Comment related
1	Header File References	Comment related
14	Object/Datatype/Variable Comments	Comment related
2	In-Line Comments	Comment related
33	Units Called	Comment related
42	Illegal Name	Code related
6	Multiple Entry Exit	Code related
23	No Parameter Validation	Code related
1	Inconsistent Indenting	Comment related
1	Line Too Long	Comment related
4	Non Enumerated Constant	Comment related
4	Header or File Name Missing	Comment related