

**THE SEQUOIA AVC EDGE PAPER RECORD IS NOT COMPLIANT
WITH THE ILLINOIS STATE ELECTION CODE**

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Argument

1. The Illinois Election Code legislates a conveniently verifiable paper record of the voter's choices:

"This permanent paper record shall (i) be printed in a clear, readily readable format that can be easily reviewed by the voter for completeness and accuracy."¹

2. This requirement is intended to apply to all of the vote data that is printed on the paper record.

3. The paper record that is printed by the Sequoia AVC Edge touch-screen system includes a barcode intended to represent the voter's choices and to be used for tallying those choices.²

4. A barcode cannot be "easily reviewed by the voter for completeness and accuracy." In fact, it is extremely difficult, and impractical, for the voter to review a barcode for completeness and accuracy.

5. The set of software modules that produces the barcode is not identical to that which produces the voter-verifiable data. Hence, the accuracy of one does not ensure the accuracy of the other.

Conclusion

The paper record created by the Sequoia AVC Edge touch-screen system is not compliant with the Illinois State Election Code.

Counter-argument

The Sequoia contract with Cook County requires Sequoia to provide equipment that complies with laws in effect on the date of the contract.

The Sequoia contract with Cook County was signed 7/12/05. HB1968 was not signed into law until more than a month later, on 8/22/05.

Therefore, the Sequoia systems promised to Cook County need not comply with HB1968 provisions.

Rebuttal

The State of Illinois was not a party to the above contract and incurs no obligations under that contract. Hence, the State is free to (and is required to) use current State standards to evaluate Sequoia systems.

¹ 10 ILCS Section 24C-2. (HB1968, <http://www.ilga.gov/legislation/94/HB/09400HB1968sam001.htm> p. 202.)

² "The System shall have a scanner which shall be able to read the bar code printed on the [DRE] paper record...and tally those votes by candidate and proposition." (Sequoia contract with Cook County, Part III, Sec. 2.27, p. 5. A copy is online at <http://ballot-integrity.org/docs/SequoiaCookCounty.pdf>)