

Secure Electronic Voting Over the World Wide Web

by

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Submitted to the

Department of Electrical Engineering and Computer Science

on May 27, 1997

In Partial Fulfillment of the Requirements for the Degree of
Bachelor of Science in Computer [Electrical] Science and Engineering
and Master of Engineering in Electrical Engineering and Computer Science

ABSTRACT

It has only been within the past two decades that protocols for electronic voting using modern computers have been developed. Only in recent years have any of the theories actually been actually implemented. Unlike its predecessors, E-Vox, based off of Fujioka et al., is the first implementation which is both easy to use (from the standpoint of the voter) and system independent. The voter needs only click a few buttons in what can be a single stage protocol. The entire system requires only that the voter register a name and password. It does not require voters to use a public key, or other encryption/authentication system.

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