VOTEBOX is a prototype electronic voting machine developed in the Rice Computer Security Lab. Its design combines novel techniques with other recent e-voting research results in the areas of distributed systems, cryptography, and usability. The result is a voting system that improves on current commercial DRE (direct recording electronic) voting machines and their analog forebears in trustworthiness, reliability, and security.

VOTEBOX is intended as a platform for broad e-voting research in the areas of security and usability. It can be used as a starting point for new implementations or integrated with existing systems to increase assurance.

A complete discussion of the design and implementation of VOTEBOX can be found in:


source code, documentation, and publications at votebox.cs.rice.edu