RABET-V

The program for non-voting technology verification

Maintaining a robust product verification program is challenging in the internet-connected realm of non-voting technology. The threat environment vastly differs from offline systems, and modifying the program to adapt to emerging threats is a full-time job. States need a trusted partner to maintain and administer these programs in a changing threat environment. The Center for Internet Security and The Turnout developed the RABET-V program for this purpose.

RABET-V is a rapid, reliable, flexible, and cost-effective method for verifying non-voting election systems. It aims to help election offices understand the technology provider's organizational maturity and the product's architectural and implementation maturity. RABET-V assesses factors such as risk response, product design, and more.

RABET-V can verify any non-voting election technology with a software component, including, but not limited to: **electronic pollbooks**, **electronic ballot transmission solutions**, **election night reporting systems**, **voter registration databases**, **ballot tracking systems**, and **poll worker management software**.

There are four main advantages of the RABET-V verification program:

- **Speed:** RABET-V is **fast**. RABET-V uses industry-leading tools to assess products without seeing a line of source code. RABET-V scopes retesting to only the affected parts of the system, rewarding good architectural and organizational maturity. With seven registered assessors, RABET-V can **simultaneously and expediently evaluate multiple products**.
- **Breadth:** Organizations and their solutions are evaluated to ensure they meet maturity benchmarks in three major areas—**organizational, architecture, and product implementation**—providing a holistic view of the solution.
- **Depth:** Solutions are tested against **153 security requirements** updated regularly and drawn from industry-recognized standards. This creates the most robust testing program for non-voting election technology, ensuring the highest confidence that the verified solutions will function as intended.
- **Flexibility:** While initially developed to focus on the **security** of non-voting systems, RABET-V expanded to include **accessibility** and **functional testing**. RABET-V partners with Voting System Test Labs (VSTLs) to ensure RABET-V can meet states' statutorily required testing needs.

Contact our team at **rabet-v@turnout.rocks** to discover how we can help.

CIS Center for Internet Security®

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