



Clear Ballot Group, Inc.
2 Oliver Street, Suite 2
Boston, MA 02109

August 14, 2020

****SENT VIA EMAIL****

Wendy Owens
Pro V&V
700 Boulevard South, Suite 201
Huntsville AL 35802

Engineering Change Order Request:

- **ClearVote 1.5 (Certified by the EAC)**
- **ClearVote 2.0 (Certified by the EAC)**
- **ClearVote 2.1**

NOTE: This cover letter supersedes a related and previous version dated August 7, 2020.

Dear Wendy:

Clear Ballot Group (CBG) requests a *de minimis* ECO review and approval from ProV&V for ClearVote 2.0 certified by the EAC, as well as ClearVote 2.1. The purpose of this ECO request is to ensure that the aforementioned ClearVote version releases address Windows O/S vulnerabilities presented in Emergency Directive 20-02 issued by the Cybersecurity and Infrastructure Security Agency (CISA), the details of which are available at <https://cyber.dhs.gov/ed/20-02/> and the EAC's Memorandum 20-01: Windows Critical Update, issued by the EAC's Voting System Testing & Certification Program Director on January 17, 2020.

ECO Number	Impacted ClearVote Version	Impacted Components
SW-7679	ClearVote 1.5; ClearVote 2.0; ClearVote 2.1	ClearDesign; ClearAccess; ClearCount

Over the past few months, CBG has undertaken extensive collaboration and cooperation with Microsoft regarding Windows O/S patching. This patch adds two system files to the installation to remediate the vulnerabilities described in Emergency Directive 20-02, including the Elliptic Curve Cryptography (ECC) validation vulnerability in the Windows CryptoAPI assigned CVE-2020-0601.



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The installation process adds two items, "Security Update for Microsoft Windows (KB4556813)" and "Update for Microsoft Windows (KB4556940)", to the installed updates path. To confirm the installation is successful, a system user must:

- press the Windows key,
- search and click "View installed updates," then
- double check that these two files now appear on the computer.

For your review, please refer to the resource files supporting this application, which include CBG's **internal test cases and revised upgrade process notes**.

Please notify me if additional artifacts are necessary for your confirmation that this critical software update is *de minimis* as indicated in EAC Memorandum 20-01.

Best Regards,

Gwentyth Winship

State Certification Manager

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