

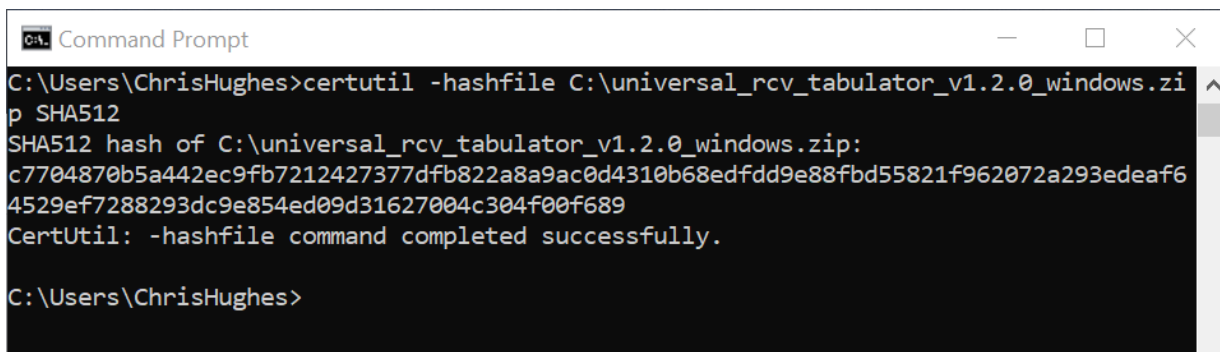
## HashCode Verification Instructions for Universal RCV Tabulator – Windows OS

**URCVT v.1.2.0 230-NY HashCode Instructions - Windows OS v.1.0.0** document is solely for use in the State of New York. This document can be expanded or updated as is necessary or required. Any recommendations listed in this document should not supersede user jurisdiction procedures or other controlling governance entities.

### **URCVT v.1.2.0 230-NY HashCode Instructions - Windows OS v.1.0.0**

To validate that the provided zip folder contains the certified version of the Universal RCV Tabulator v1.2.0, follow these instructions:

- Open the Start Menu
- Type in Command Prompt.
- Press enter to launch the Command Prompt.
- Type in `certutil -hashfile [filename]`
- To insert the file name: locate the `universal_rcv_tabulator_v1.2.0_windows.zip` in File Explorer.
- Left click on the file and while continuing to hold the mouse down, drag the file to the Command Prompt window and place after `-hashfile`.
- Example: `certutil -hashfile C:\Users\user\Desktop\universal_rcv_tabulator_v1.2.0_windows.zip`
- Add SHA512 to the end of the line
  - Example: `certutil -hashfile C:\Users\user\Desktop\universal_rcv_tabulator_v1.2.0_windows.zip SHA512`
- Press enter. A hash file will appear in the Command Prompt.
- The screen will display a hash code in the following format:
- SHA512 hash of [file path]: [SHA512 hash code]
- This screenshot displays an example of this process. Note that the information in this screenshot may differ from the information provided to you with the Trusted Build you are running this process on.



```
Command Prompt
C:\Users\ChrisHughes>certutil -hashfile C:\universal_rcv_tabulator_v1.2.0_windows.zip SHA512
SHA512 hash of C:\universal_rcv_tabulator_v1.2.0_windows.zip:
c7704870b5a442ec9fb7212427377dfb822a8a9ac0d4310b68edfdd9e88fbd55821f962072a293edeaf6
4529ef7288293dc9e854ed09d31627004c304f00f689
CertUtil: -hashfile command completed successfully.

C:\Users\ChrisHughes>
```

- Compare the SHA512 hash code produced on your system to the SHA512 hash code supplied with the Trusted Build.
- If the SHA512 hash codes match 100%, you are using an approved download and can proceed. Return to the **URCVT 1.2.0 200-NY Installation Instructions for Universal RCV Tabulator - Windows OS v.1.0.0** document to complete installation.

### Document Revision History

Date	Version	Description	Author
04/26/2021	1.0.0	HashCode Instructions - Windows OS	Chris Hughes