

LICENSING ANNOUNCEMENT

JANUARY 23, 2017

SHA-256 DATA COLLISIONS – HASH PRODUCTS ONLY

Primary Audience: All USPS® Licensed Developers

Due to density-related collisions that are specific to binary hash tables, there are a small number of differences when comparing SHA-1 and SHA-256 results. These differences will either produce a match on the SHA-1 data and a no-match on the SHA-256 data, or vice versa. The number of differences should be minimal and are not cause for concern. Please pass the information along to users of your software since they may encounter these differences if comparing SHA-1 and SHA-256 results.

Also as a reminder, Licensed Software Developers should begin converting their applications to SHA-256 as soon as possible. All Developers must have their software transitioned to SHA-256 no later than **August 1, 2017**. After this date, SHA-1 files will no longer be posted to EPF and only SHA-256 files will be available. The USPS Licensed Products that are impacted are:

- NCOA^{Link®}
- Daily Delete
- Zero Zero Table (NCOA^{Link} MPE Data Users Only)
- DPV[®]
- DSF^{2®}
- LACS^{Link®}
- Suite^{Link®}
- RDI[™]
- AMS API

Please share this information with all pertinent contacts at your company. If you have any questions, contact Licensing and Certification Department at ncoalink@usps.gov.