

## Bernalillo County Hand Tally Application

### Summary and Version

The Bernalillo County Hand Tally Application (referred to hereafter as the HT App) is an internally-developed system currently designated version 2.0.10. It hasn't undergone any architectural, functional, or hosting changes since it was last certified in 2021.

### Software Description

The HT App is hosted by RealTime Solutions and consists of a secure web interface and a database, with all communications protected by HTTPS and strong, complex passphrases that are rotated each election cycle.

Access to the system is strictly controlled. RealTime Solutions maintains the hosting environment, handles system security patches, and manages general maintenance, but only two designated members of the Bernalillo County IT Department have authority to modify the application code or database. No one else—even the vendor—can make changes beyond routine updates.

### Scope

The core purpose of the HT App is to supplant manual paper tally sheets by providing election boards a digital workflow capable of recording vote tallies and write-ins. It supports the printed tally documentation that complies with New Mexico Secretary of State requirements. The system is designed to accommodate all of Bernalillo County's 687 precincts and 874 precinct parts, and it is capable of handling up to 60 different offices or ballot questions per general election.

When in use, election board members log in according to their voting location. These boards are composed of opposing parties, typically including a reader, enterer, and observer, with one being the presiding judge. The user interface presents the election board one office or question at a time, and they manually input tallies and write-in votes.

### Third-Party Interfaces

The HT App has no automatic connections to external systems. Ballot definitions are manually extracted from SERVIS and uploaded into the HT App's database. After vote entry is complete, the HT App generates two flat files, one containing ballot counts and another capturing vote counts. A county administrator is responsible for manually importing those files into SERVIS using its "Import Hand Tally CSV" function. Both the export and the import steps are part of Bernalillo County's established logic and accuracy testing routines to ensure data integrity.

## Code Changes

Since the previous certification in 2021 there have been no modifications to the codebase, database structure, user workflows, or infrastructure. Everything about the HT App's architecture, purpose, access protocols, and hosting arrangement remains unchanged.