

Use of Wireless Communications Devices in Voting Systems

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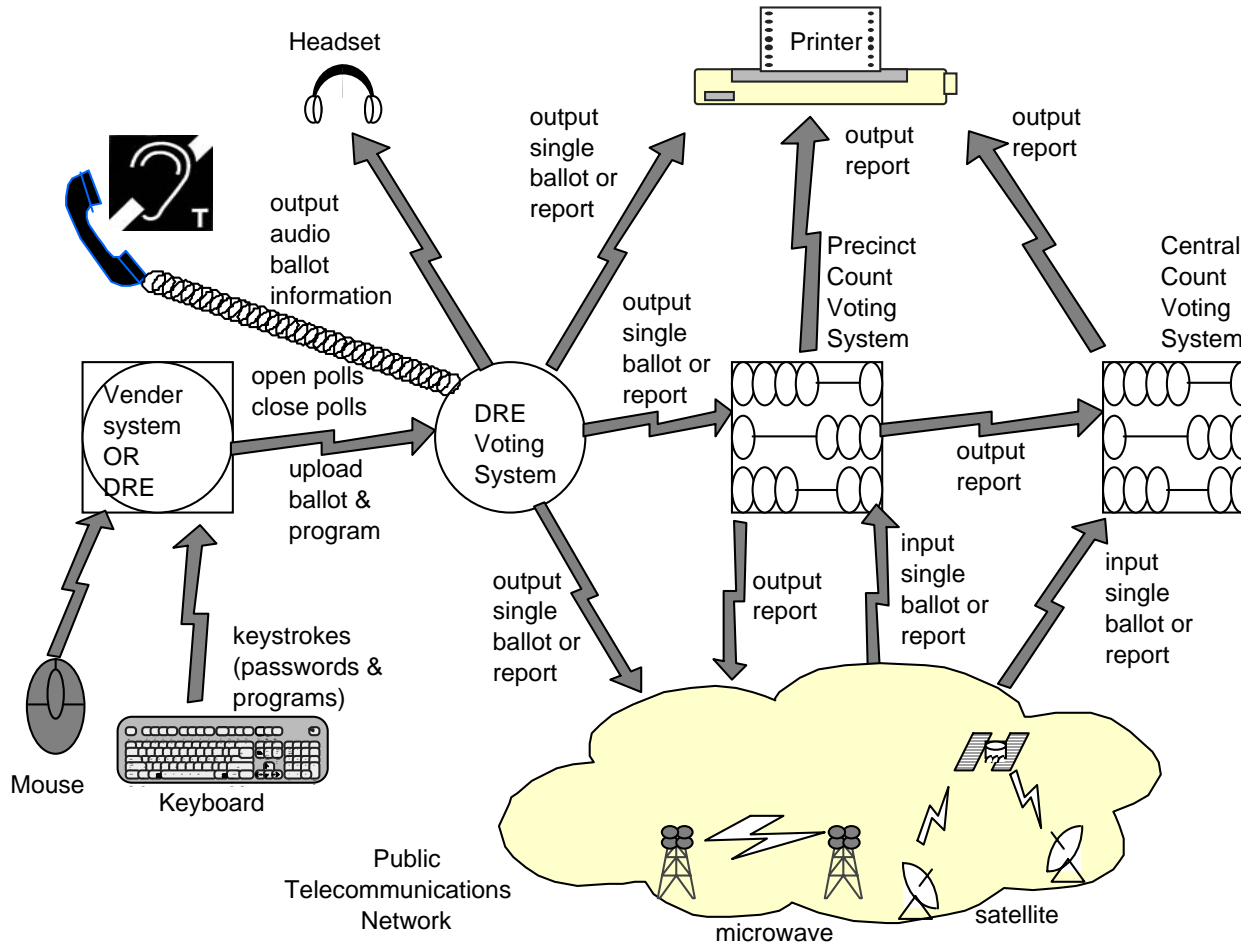
Goals

- To respond to the TGDC's resolution #35-05
 - To reach a common understanding of the subject (wireless communications devices) by providing background information
 - To identify technical requirements for the use of wireless communications devices
 - To provide guidance on the use of wireless communications devices

Progress

- Created a draft that attempts to address wireless for three (3) groups of users
 - Those who know the VSS 2002
 - Those who know the election process
 - Those who know wireless technologies
- Need clarification on whether telecommunications does or does not cover wireless and whether public and private networks are to be differentiated.

Wireless locations



Numbers

- Five (5) IEEE 802 wireless standards with at least seven (7) different physical layers (i.e., combination of frequency and coding) with more to come (e.g., UWB)
- More than eight (8) Cellular technologies used in public networks: AMPS, PCS, TDMA, W-CDMA, CDMA2000, IS-54, GSM (4 frequency bands), 2G, 3G
- Assuming only one wireless technology per frequency allocation in the Radio Frequency (RF) band gives well over 500 possibilities.

Discussion and questions