

GEMS does keep track of both under votes and optical scan over votes.

6. How will the DREVS manage alternative voting systems such as cumulative or preferential voting?

Cumulative Voting, or Preferential voting is becoming more prevalent in the United States. Any County interested in implementing a full County-wide touch screen system AND cumulative or preferential voting also needs to consider that the absentee (optical scan) system must also be able to conduct cumulative or preferential voting. GLOBAL's **AccuVote-OS** and **TS** system IS THE ONLY SYSTEM on the market today that handles cumulative and preferential voting.

GLOBAL's **AccuVote-OS** is the only system that can conduct these types of elections due to the ability to place ovals in all 32 columns on the ballot (vs. a maximum of three columns on other optical scan system). This gives voters the ability to rank candidate numerically. Systems limited to a 3 column optical scan ballot can not accomplish preferential voting.

The **AccuVote-OS** Voting System, through Global's proprietary software, is the only voting system that is currently utilized to automate the preferential voting mechanism. The City of Cambridge, Massachusetts conducts its off year council races utilizing a cumulative, or preferential scheme. The City of Cambridge purchased the AccuVote System and GLOBAL developed an electronic interface, in conjunction with PR Master of Albany, California, to allow the City of Cambridge to electronically conduct their preferential voting elections. To the best of our knowledge, Global Election Systems is the only election company in the United States that has developed such a system, and has actually conducted elections in the cumulative voting environment.

The **AccuVote-TS** can easily be programmed for preferential voting; however it is not programmed to do so at this time, as there are no jurisdictional requirements to do so.

7. How does the DREVS handle multiple ballot types?

The GEMS system is designed to handle thousands of ballots styles in a single election. In King County, Washington, County-wide elections have up to 3,700 unique ballot styles due to precinct committee races. Capacity for number of ballot styles is part of the GEMS overall design.

Early Voting: During early voting, the voter requests a ballot at the counter. When the voter's address and name are entered, the correct district / precinct information is displayed in DIMS. This information will then be used to correctly create the voter SmartCard with the precinct / party information.

The **AccuVote-TS**, upon reading the SmartCard will create the correct ballot style with the appropriate races, candidates, and measures from the information stored on the **AccuVote-TS**.

Precinct Voting: In the precinct, if there are multiple ballot styles in a single precinct, the pollworker will create a SmartCard by keying in the precinct number / split number or the unique identifier for that ballot style OR, if preferred, the SmartCard burner LCD may list styles for that specific precinct. The poll worker would select or highlight the desired style (or party) and then hit the Create Card button. The specific method for this can be determined by the ROV.

In both precinct and early voting, the **AccuVote-TS** system will display the appropriate ballot style, or precinct split, on the screen for the voter.