

Diebold Election Systems Inc., GEMS 1.18.14 Release Notes

October 1, 2002

New Features:

- Ability to generate multi-language paper ballots and print them to their corresponding language directories.
- Support for Wisconsin Export format.
- Support for Florida Export format. Also added enhancements to Standard Export Format for Florida.
- Support for Rich Text Format Import/Export.

Bugs Fixed:

- [BUG#1548](#) Audio import uses artwork candidate sortseq id instead of report sortseq id when importing audio.
- [BUG#1546](#) Choosing Specify Column option doesn't immediately enable Side radio buttons and Column edit control.
- [BUG#1543](#) Files of Type list empty in Open window.
- [BUG#1541](#) Negative undervotes appear in the Cards Cast report.
- [BUG#1534](#) Voter Registration report summarizes voter registration amounts by report precinct when base precinct is defined.
- [BUG#1531](#) Only one card is printed for ballot that has multiple cards when BOD option is checked.
- [BUG#1530](#) Races with cross-endorsed candidates do not have accurate counts.
- [BUG#1529](#) Import Audio skips race and candidate audio when race's sort seq is greater than 100.
- [BUG#1523](#) LA Import inserts an extra carriage return after each candidate in each race.
- [BUG#1522](#) View Ballot Screen does not display C beside a challenged ballot if the ballot was accepted from the TS before uploading
- [BUG#1521](#) View Ballots does not reflect the candidate choices that the voter selected for all races.
- [BUG#1516](#) Candidates on ballot are sorted by ReportSortSeq instead of ArtworkSortSeq
- [BUG#1509](#) The View button remains active when multiple ballots are selected in the Ballot Audit window.
- [BUG#1494](#) Unable to modify a header or create a new header after Tempballotv error message appears.
- [BUG#1490](#) Wrong vote count when a candidate of type Header is defined in GEMS.
- [BUG#1466](#) In Manual Entry, a value entered for times under voted always gets changed to zero.
- [BUG#1465](#) Out of memory or fatal error when exporting results in Wisconsin format.
- [BUG#1462](#) New Standard Export formats are not saved for subsequent uses.
- [BUG#1461](#) Rotation District field doesn't appear if you have more than two sub-districts.
- [BUG#1455](#) Unsetting for election without first responding to the confirmation message results in a program error.
- [BUG#1430](#) Some of a race's audio is missing when doing batch audio import into GEMS.
- [BUG#1428](#) Log Printer prints all actions twice.
- [BUG#1422](#) Aborting backup still creates backup file.
- [BUG#1394](#) Vote center identification is not logged when AccuVote-OS transmission is aborted.
- [BUG#1356](#) Resetting election doesn't allow results to be re-uploaded.
- [BUG#1226](#) Reporting Sets - Tab key doesn't work in the race table.
- [BUG#985](#) Race Editor - Candidates tab - Endorse Drop down includes Polling and Absentee for Recall races.
- [BUG #758](#) Rotation problem with election defined with multiple VGroup 2s.
- [BUG#539](#) Network problem such as timeout causes "Specified network name is no longer available" error and Internal Error in AccuVote-TS Server 2.

1.18.13 August 15, 2002

- [BUG#1417](#) Exception error occurs when opening Election Summary or SOVC reports.
- [BUG#1017](#) Counter Group labels that exceed 12 characters are not wrapping properly on the 'Election Summary Report'.

1.18.12 August 9, 2002

- [BUG#1403](#) Items are not being recorded in Audit Log.
- [BUG#1356](#) Resetting election doesn't allow results to be re-uploaded.
- [BUG#1406](#) Incorrect number of precincts are reported in JResultClient.
- [BUG#1351](#) Result Server - doesn't allow you to specify a folder under the GEMS directory.
- The 'Zoom In' menu item is incorrectly enabled even when the maximum zoom level is reached.
- [BUG#1291](#) Attempting to recover memory cards or queue AccuVote-TS vote centers results in 'Too few parameters' message.
- [BUG#1378](#) Ballot Station keyboard input is not recognized after Supervisor Password is cleared.
- [BUG#1364](#) Extraneous text is randomly printed on some races on ballot.
- [BUG#1384](#) GEMS' LA IMPORT does not import the bif and/or dif format files.
- [BUG#1371](#) Clicking on 'Post' does not post items in the Challenge Board.
- [BUG#1003](#) Preference Races on AccuVote-OS are not counted correctly.
- [BUG#1005](#) User Modification screen: No error message is displayed if 'Confirm Password' and 'Password' fields don't match.
- [BUG#1375](#) Backup is not aborted when user clicks on 'Abort' icon.
- [BUG#1355](#) Regional Result - aborted transfers are not logged.
- [BUG#1365](#) AccuVote-TS download: The file converter could not process the rich text in the input file.
- [BUG#1262](#) Duplicate uploads not reflected on AccuVote-TS Server log.
- [BUG#1370](#) Multiple languages are selected in Language Editor after hitting the Apply button.
- [BUG#1305](#) Reporting Set screen doesn't have a description field, yet monitor script screen displays 'description' column for reporting sets.
- [BUG#1303](#) Outstanding TSText corrections and translations
- [BUG#1302](#) Default Race/Candidate/Header ballot text should be language sensitive
- Change "Okay" to "OK" in Ballot Text Editor.
- [BUG#1203](#) A file sharing violation occurs when multiple database audio windows are open.
- [BUG#1282](#) Add sub-district option should be disabled when election status is "Set for Election".
- [BUG#1277](#) Unaccepted Challenge ballots appear on 'View Ballot' screen.
- [BUG#1238](#) Word misspelled on Preference Party selection screen.
- [BUG#1223](#) French and Philipino Languages don't have the English translation displayed on the language selection screen.
- [BUG#1226](#) Reporting Sets - Tab key doesn't work in the race table.
- [BUG#1266](#) GEMS Help left-hand panel should be suppressed.
- [BUG#1267](#) No warning message is displayed when deleting a voter group that has voter registration amounts defined
- [BUG#1208](#) Saving over size audio file causes internal error.
- [BUG#1263](#) Tab key in race editor should go from art sequence box to report sequence box when pressed.
- [BUG#1227](#) Controlling race field should be disabled when election status is "Set for Election".
- [BUG#940](#) Cards Cast by Vote Center Report: number of cards cast for precincts in multiple vote centers are incorrect.
- [BUG#1199](#) New header doesn't save 'Card header' option.
- [BUG#1273](#) SOVC registered voters turnout amount doubled if there is only one split precinct
- [BUG#1248](#) Write-in Screen instructions not displayed in the corresponding language selected- they are all displayed in English.

- [BUG#1222](#) Non-English languages missing button text in the instruction section of the 'Voter Instruction' and 'Review ballot' screen.
- [BUG# 1284](#) Spelling error in warning message: "No languages selected for download".
- [BUG#1221](#) Language label colors on language selection screen are now consistent. Language label colors on language selection screen should be consistent.
- [BUG#1206](#) Dismissing Audio error dialog returns control to invoking editor rather than Audio window.
- [BUG#971](#) Report Sets dialog: without first specifying races, clicking the set icon selects the first race or the last race you clicked or cleared.
- [BUG#1109](#) GEMS window flashes after choosing "Manual Entry" and dismissing the "No Counters Available to Modify" warning dialog.
- [BUG#1096](#) Fixed and enhanced support for line printer logging.
- [Bug #1177](#) Races marked as "Not Counted" can be downloaded and appear in reports.
- [BUG#539](#) Network problem such as timeout causes "Specified network name is no longer available" error popup dialog and Internal Error in AccuVote-TS Server v2.
- Don't show Absentee/NonAbsentee voter groups in Candidate Tab for Recalled and Shadow races. (Race Editor)
- Complete code to check each card for empty races before saving. (Ballots with unplaced races cannot be saved in the Ballot Editor.)
- Update copyright notice from "Global Election Systems, Inc." to "Diebold Election Systems, Inc."

1.18.11 June 13, 2002

- Disabled the ability to add or delete languages when an election's status is "Set For Election".
- Report Precinct ID values are now limited to a range from 0 to 999,999,999.
- Fixed problem where the set of cards displayed in the Cards with Races and Cards with Base Precincts reports did not match the set of cards displayed in the GEMS tree view.
- All race types are now displayed by their full names in the Type column of the Race Report.
- Changed controlling race column label to "Controlling Race" in the Race Report.
- Base precinct Ids are now displayed correctly in the Vote Centers with Cards by ID report.
- The F5 key can now be used to refresh the application screen.
- When adding candidate, if the election status is set to Cards Laid Out, the label assigned to the new candidate will be "Reg. Write-in".
- Fixed problem that prevented highlight focus from returning to an entity in tree view after it as been edited.
- Fixed problem that prevented a non-HOST regional user to use Reset Election in order to clear the counters.
- Reduced flashing when refreshing Tree view and List view.
- An editor for an entity in Tree view can now only be opened when its icon or label is clicked on.
- Set the default ballot text to "Header", "Race" and "Candidate", regardless of language selected.
- When adding a new header or race, the Header or Race Id is included in the default .rtf text.
- Ballots with unplaced races cannot be saved in the Ballot Editor.

1.18.10 May 22, 2002

- Fixed problem that caused the GEMS window to flash after choosing "Manual Entry" and dismissing the "No Counters Available to Modify" warning dialog.
- Fixed problem that resulted in challenged ballots marked as "Accepted" in Ballot Station to be displayed as "Not Reviewed" in the GEMS Challenge Board dialog after being uploaded.
- Fixed problem that prevented the District label from appearing in the Cards Cast report when a district is selected in the Group By District section of the Cards Cast dialog.
- Allow users with Administrator access or in region other than "HOST" to set/reset election.
- When GEMS is started, LocalDB and Backup folders are automatically created in the GEMS folder if they do not already exist.

- Fixed problem when two identical cards were created when generate rotations for the races with cross-endorse candidates Also fixed problem when incorrect rotation values for races with cross-endorsed candidates downloaded to the AccuVote-TS.
- Fixed problem when GEMS crashes when typing report set name in the report name's combo box in Summary and SOVC reports.
- The VIF_Instructions_OneClick.rtf files are used instead of "VIF_Instructions.rtf" when "One Click Vote" option is checked in AccuVote-TS Options. The instruction line that tells the voter to retouch the candidate box for unselection is removed in VIF_Instructions_OneClick.rtf
- Change Voter Group Editor title bar label from "VoterGroup Editor" to "Voter Group Editor".
- The Region text box in the User Info dialog box is now non-editable.
- Numeric values only may be entered in the Id field of the District Editor.
- After adding a report set in Statement of Votes Cast and Election Summary reports, new formatting options are both saved and displayed.
- In Statement of Votes Cast reports, non-numeric characters entered into "Separate Under" box are now ignored. The "Separate Under" value has also been limited to a number between 0 and 9999.
- A change made to a race's Endorsement Controlling Race from the Race Editor Options tab is now saved.
- Card/Ballot Id numbers are now displayed correctly in the Manual Entry dialog box.
- Fixed problem that occurred when changing the endorsing party of a candidate in a Shadow race.
- Fixed problem when log printer did not work. Support "Texas" type line printer logging.
- Fixed problem that occurred when changing the Shadow race of a Shadowed Race to a new Shadow race.
- The "Start Rotation #" field, rather than the "Rotation District" checkbox now appears in the District Editor for all Sub-Districts whose parent entities have the "Rotation District" option checked.
- Fixed problem that prevented ballot text from being displayed when previewed in Ballot Text Reports.
- Changed Ballot Text Report dialog title from "Ballot Text Dialog" to "Ballot Text Report".
- Changed Ballot Text Report Preview window title from "Dialog" to "Ballot Text Preview".
- Allow the cancellation of changes made in the Reporting Sets, Monitor Scripts, Monitor Script Properties, AccuVote-OS Options and Reporting Set Properties dialogs.
- Fixed refresh problem that occurred when changing a tree item label did not update all the corresponding items in the tree view.
- Implemented the refreshing of list view when the tree view is refreshed.
- All grid cells throughout the application highlight correctly when selected.
- Added support for negative values in Left and Right Candidate Margins fields in the Margins tab of the Ballot Options dialog.
- Fixed problem when generating ballots for Shadow races. No candidates were displayed on the ballot.
- Fixed problems when adding removing cross endorse candidates in the Race Editor:
- The text "Changed election parameters" no longer appears in the Audit Log when an election's status has been changed.
- Correctly highlight selected items in SOVC and Summary reports.
- Races in the Reporting Set Properties dialog now highlight correctly when selected.
- Fixed problem where Sub Districts were sorted incorrectly in Monitor Scripts>Monitor Script Properties dialog.
- The Monitor Script ID in the Monitor Script Properties dialog is now saved after being changed.
- Fixed problem where incorrect list of cards was displayed in the Manual Entry dialog.
- Added warning message: "Warning: You are about to delete registration totals for <Voter Group>". Message appears when deleting a Voter Group that has not been associated with Candidates or Races, but for which voter registration totals have been defined.
- For Recalled races, the Recall Race pull down menu is now disabled in the Race Editor when the election status is set to "Cards Laid Out".

- Fixed problem that resulted in the wrong number of cross-endorsed candidates being calculated for Shadow and Shadowed races.
- Fixed problem that caused GEMS to crash when previewing or printing a Statement of Votes Cast report for elections that include Shadow and Shadowed races.
- Fixed problem that caused GEMS to crash when all candidates in a race were deleted in the Candidates tab of the Race Editor.
- Fixed problem where “Pct Ids” and “Cumulative Results Only” settings in the Counter Group editor were not saved correctly after clicking Vote Center Category New or Edit buttons.
- Corrected Audit Log entry text. Text was changed from “Set Cards Layedout” to “Set Cards Laid Out”.
- The “Ballot Artwork will change” warning message will now be displayed after resetting the “Cross endorse on ballot once” setting in the Options tab of the Race Editor.
- Fixed problem that caused GEMS to crash when attempting to accept a Challenged ballot in the Challenge board.
- Challenge ballots will only appear in the Challenge Board after selecting a Challenge Vote Center from the VCenter column in Challenge Board dialog. In previous versions of GEMS, Challenge ballots of the first Challenge Vote Center were displayed in the Challenge board by default.
- Disabled Add and Delete Candidate buttons in the Race Editor after a Question type race has been specified.
- Allowed the addition or deletion of Registered Write-in candidates in the Race Editor Candidates tab after the election status has been set to “Cards Laid Out”.
- Enabled the XEndorse button in the Race Editor Candidates tab to allow cross-endorsed candidate Voter Group selections to be changed. Disable the XEndorse button in the Race Editor when the election status has been set to “Set for Election”.
- In the Counter Group Editor, a Counter Group’s short label text is now saved after being changed.
- Corrected display of all truncated labels in Statement of Votes Cast and Election Summary reports.
- Disallowed the saving of races with more cross-endorsed candidates than the specified number of candidates to vote for.
- Fixed problem that resulted in the Count Method “AccuVote-TS” not being displayed in the Select Counters dialog after selecting Manual Entry.
- For entities selected in tree view, made text of right-click menu items consistent with corresponding menu text.
- Expanded width of “Controlling Race” pull-down menu in Race Editor to accommodate long race names.
- Fixed the “Separate Under” row label in the Statement of Votes Cast report to correspond to the number of votes specified in the “Separate Under” option in Statements of Votes Cast dialog.
- Disabled the “Under Voted Races” checkbox in the AccuVote-OS dialog when the election status has been set to “Set-For-Election”.
- Removed the “None” option from the “Precinct Identifier on card” options group on the Card Definitions tab of the Ballot Options Editor.
- Disabled “New Record” icon button when the default entities are selected in tree view.
- Changed GEMS AccuVote-TS 1 and AccuVote-TS Server 2 menu item names to match their corresponding dialog title names.
- Disabled the Delete button in the menu bar when default entities that cannot be deleted are selected in tree view.
- In the Pre Election>Print Report dialog box, expanded the Reports list to accommodate long report names.
- Changed the title of the Vote Center Editor dialog from “VoteCenter Editor” to “Vote Center Editor”.
- Disallowed the creation of a Voter Group with a blank Label field.
- Maintain the sort sequence of Voter Groups by Voter Group ID in the Endorse menu of the Race Editor>Candidates tab after adding a new cross-endorsed candidate.
- An error message will now be displayed when the confirmation password entered in the Add User

- dialog does not match the original specified password.
- Removed the “Separate Under” option from the Election Summary report dialog.
- Fixed problem that prevented saving the Recount Reporting Set specified in the Recount tab of the Election options dialog.
- The “Proof” option in the Print Artwork dialog is now reset to Off after deselecting the “Styles Only” option in the Print Artwork dialog.
- Fixed problem in the Candidates tab of the Race Editor that caused the RTF text defined for a candidate to be changed when the candidate’s Type is changed.
- Reporting Set Id numbers are now incremented correctly when a new Reporting Set is added to the Reporting Sets dialog.
- In the Reporting Set dialog box, added support for the keyboard keys: <TAB> and <SHIFT><TAB> to move the cursor to the next or to the previous column, and wrap at the end of a row.
- Fixed problem that caused duplicate “Under Minimum” entries to be displayed when viewing Sub-District totals in the Statement of Votes Cast report.
- Exclude precincts with no associated ballots from data that is downloaded to AccuVote-OS.

1.18.9 Apr 03, 2002

- Update copyright notice from “Global Election Systems, Inc.” to “Diebold Election Systems, Inc.”
- Fix bug when no candidate totals are displayed for the @RACE parameter on the SOVC certification page.
- Added ability to import a race’s VGroup to the Standard Import option.
- Fixed problem where ballot entity in Tree View remained when artwork had been deleted.
- Fixed problem where minus sign does not change to a plus sign when entity is collapsed in Tree View.
- Fixed problem in Counter Group editor where changes in the Label field are not reflected in the Label list of the Counter Group tab.
- Added option to display a cross endorsed (XEndorse) candidate’s name only once on ballot.
- Added support in Central Count for the tailing of cross endorsed (XEndorse) candidates when their name appears only once on a ballot.
- Fixed problem where Write-In candidate totals are incorrectly formatted in a Summary report.
- Fixed problem with calculation of VCenter size in VCenter dialog using Calc.Size button.
- Fixed support for ballots using VGroup2 that has been downloaded to the AccuVote-TS.
- Added ability to reset the Track Registration option in the Voter Group dialog after the Set for Election option has been set in GEMS.
- Added warning dialog that appears when an user attempts to delete Voter Registration totals in Voter Registration dialog.
- Fixed problem where a new Baseunit was assigned the Id of an existing Baseunit.
- Fixed problem with Standard Import option where wrong VGroup Id type was imported.
- Fixed problem with Standard Import option to allow only VGroup records with Track Registration option set to True to be imported.
- Added ability to modify colors specified in VGroup editor until Set for Election option is specified in Election Option dialog.
- Added option to specify number of Absentee/NonAbsentee votes to be displayed in SOVC report.
- Added option to list specified number of Absentee/NonAbsentee votes after Precinct Totals in SOVC report.
- Added percentages of Voter Turnout and Precinct Reporting to Election Summary Report.
- Fixed problem with dismissing “Port is in use” message when attempting to access an unavailable port in the AccuVote-OS – Server Idialog.
- Fixed problem where Deleting voter group in an Endorsement/Preference race causes an exception in GEMS.
- Fixed problem with total number of candidates that appear on AccuVote-OS tape after downloading.

- Fixed problem where no data is displayed in Ballot Audit dialog.
- Fixed creating SOVC report problem that causes GEMS to crash. Problem occurred when generating report with the "Cross Endorse Totals Only" option checked in SOVC dialog.

Merged from 1-17-22. Released March 04, 2002

- Fix bug when parent sortseq id did not show up in BaseunitEditor.
- Check vote group tracks voter registration before importing totals.
- Fixed problem where central count vote centers where not being displayed in the select vote center dialog by default when accessed from the central count server.
- Display first challenge VCenter if such exists when open Challenge Board dialog.
- Fix bug when race title was truncated by 1 when downloaded to AVTOS.
- Fix internal error when importing BRC results.
- Fix problem when Card Cast report fails when generating counters with "CounterGroup detail" check box checked
- Fix problem when duplicate results were send to the host database when doing regional results.
- Create audit log record when previewing SOVC, Summary, and Card Cast reports.
- Add logging for Regional Results Server and Client.
- Fix problem when VGroup totals did not add up correctly in Card Cast Report.
- Double-click DB name to open election.
- Fix problem when Cards Cast totals did not break up by reporting sets in Election Summary Report.

1.18.8 Nov 28, 2001

- Support cross endorses candidates in Central Count.
- Print "--" for races without report precinct in SOVC.
- Fix bug when header candidates cause download to fail.
- Increase download 10-party limit to 32. (Note: required firmware version 1.96.3)

1.18.7 Nov 16, 2001

- Add AVTS setup option for pollworker notification of ballots cast (Louisiana).
- Add AVTS setup options for log printer and log pedantic.
- Fix bug in download when oval positions were downloaded in a wrong sequence.
- Fix bug when download fails if last candidate in a race is cross endorse.
- Fix problem when SortSeq Id's were initialized with incorrect values in the DistrictEditor.
- Fix problem when Districts and Reportunit were combined in one list when adding District or Reportunit to a script in MonitorScriptDlg

Merged from 1-17-18. Released November 2, 2001

- Fix problem in Manual Entry when cards times counted did not show up for the VCenter of type AccuTouch
- Fix problem in Manual Entry when cards times counted entered under the Cards tab did not apply to the first race in the Race tab.

1.18.6 Nov 09, 2001

- Fix bug in Election Summary report when winners candidates were not sorted correctly.
- Added support for cross endorse candidates in upload download.
- Added support for cross endorse candidates in Summary and SOVC reports.

1.18.5 Oct 15, 2001

- Do not reconcile candidate totals with the total counted for weighted races in Manual Entry.
- Display candidate totals and totals with two decimal places in Summary and SOVC.
- Make Summary report "Registered Voters" and "Cards Cast" captions Locale.ini entries.
- Fix crash when load a database.
- Fix bug when download fail when convert RTF data.
- Do not show Description field in ReportingSet dialog.
- Add new Challenge vote center type and support it in the ChallengeBoardDlg.
- Remove "2.0" entry from Version combobox of the Accuvote-OS property dialog.
- Fix problem when JResultClient server did not format data properly..
- Fix problem with SelectVCenterDlg to allow passing of the default type of Vcenter to display.
- Support download upload cross endors candidates.

Merged from 1-17-17. Released October 12, 2001

- Fix problem with wrong time being stored in the audit log.
- Add log entry for posting of manual results

1.18.4 Aug 21, 2001

- Fix bug when SOVC and Summary reports show non-zero results when no ballots have been counted.
- Fix problem in Race Editor and Voter Group Editor when RTF data not being saved.
- Add support for cross-endorsement candidates.

1.18.3 Aug 08, 2001

- Fixed bug when write-in positions did not show up on the ballot.
- Fix problem in CardsPrint dialog when some checkboxes became unchecked after changing directory.
- Fix bug in central count when resubmitted deck appears twice in the deck list.
- Fix formatting for weighted races in Summary and SOVC reports.
- Fix problem when changes to candidates rtf text did not take place if a candidate name loses focus in Race Editor.

1.18.2 Jul 18, 2001

- Fixed bug when backup did not work properly.

1.18.1 Jun 27, 2001

- Add new "Weighted" race type.
- Add functionality to save reports settings in SOVC and Summary Reports.
- Break results by counter groups in SOVC report.
- Add support for 17 inch long ballots. Required 1.96 AVOS firmware.
- Add report that shows RTF Data as it appears on a ballot.
- Fixed problem when single line RTF data did not show up on the ballot.
- Fixed bug when not all the records show up in Print BOD dialog.
- Fixed problem in Card Cast Report that truncated some titles.
- Fixed problem with databases upgrade from 1-12 or earlier not being able to save race or candidate changes.
- Fixed problem with infinite loop in generating download data for AV-OS where candidate type is label only.

1.17.14 Jun 26, 2001

- Invalidate ballots if candidate endorsement changes and race is laid out with fixed candidate columns/rows
- Fix some misspelling errors.
- Fixed crash when both AccuVote-TS and AccuVote-OS servers started simultaneously.
- Make Reports.ini consistent with reports title.

1.17.13 May 28, 2001

- Change registry for BallotPrinter to BallotPrinter2 to eliminate conflict with older version of GEMS.
- Fixed problem with StandardImport creation of RTF for single line entries not displaying on Ballot.
- Fixed problem with some printers printing stray data in the Summary Report.
- Fixed problem in PrintCards where checkboxes would become unchecked after browsing for print directory.
- Fixed problem in CardsCast report where report header did not expand to fit all text and therefore truncated some titles.
- Enable Texas log printer feature.

1.17.12 May-03-01

- Added R6 unit support. Required Windows CE Services. To install Windows CE Services use WinCE Services InstallPack.
- More work on StandardImport to make it more robust and to handle large RTF data files.
- Add comments and private build fields to about dialog.
- Fixed bug in ExportContext that did not export the write-in candidate exportId
- Some work to improve performance in BRCImport.
- Add support for 1.96 addition of blank cards field to upload protocol.
- Fixed minor bug when print audit ballot fails.
- Send a file to the Recycle Bin when delete a database.
- Modified download to include EndorseWidth and WrapCandidate.
- Overwrite times counted of the Race with the times counted of the Cards in the Manual Entry.
- Correctly set the party and candidate color.
- Added downloading of HEADER type candidates to the AccuVote-TS unit.
- Get/set all times locally, instead of relative to time zone
- Fix download to be able to download multiple write-ins to BallotStation version 3.x.x
- Fix bug in shutting down Download Version 2 console when exiting the app.
- Fix bug in :GenerateBallot that did not generate separate ballots for shadowed races
- Add uploading of Ballot stats over, under, blank, and writein.
- Fix problem when load database fails if DateTime fields initialized with the NULL value.
- Fixed bug in the Race Editor when RTFEditor did not clear the text after a registered write-in is displayed.
- Fixed problem in race editor where no candidate "selected" cause an internal error when the edit rtf button is used.

1.17.11 Feb-14-01

- Log all prompts and user responses to log printer.
- Fix bug where portrait/landscape was not disabled when cards layed.
- Detect log printer offline by timeout and pop up a modal dialog box.
- Fix bug in enabling election options introduced with the changes to the AV server dialog handling.
- Added download support for AV-OS 1.96.
- Fixed problem decoding printer settings from the registry.

- Add "Printer Online" log entry. Fix problem where no log printer was interpreted as printer offline.

1.17.10 Jan-22-01

- Improve logging to meet Texas certification guidelines.

1.17.9 Jan-10-01

- Make thick the default when printing separate ovals.
- Fix bug in that did not clear the list of ballots for a 'ballot box' if the new 'ballot box' was empty.
- Fix bug in SOVC that doubled the number of registered votes in the 'total' line when using cumulative precincts.
- Fixed problem with extra braces at the end of rtf data in the import.
- Append vgroup short label to the candidate label for endorsed candidates in SOVC.
- StandardImport now supports sorting using id field or label field for district, reportunits, baseunits and voter centers.

1.17.8 Nov-16-00

- Added functionality to select multiple ballots and print simple ballot images for manual recount purposes.

1.17.7.5 Oct-19-00

- Fixed problem in SummaryReport with overwriting report with bogus candidate counters.
- Hide the counter group totals /use polling counters buttons in the SOVC Report.
- Hide the Group By District Selection Box in Summary Report.
- SOVC only show cardscard page if cards cast checked.

1.17.7.4 Oct-19-00

- Fixed problem with Blank and OverVote being switched in the SOVC Report.
- Fixed problem with precents being displayed when they should not in the SOVC report.
- Removed SortByVotes and Winners buttons from SOVCDlg since not supported yet.
- Fixed problem in Summary Report with calculating number precincts.
- Fixed bug in extracting candidate results for ResultSvr.

1.17.7.3 Oct-17-00

- Fixed bug in CSumCounters that did not update precincts reporting when pct cleared.

1.17.7.2 Oct-17-00

- Fixed SummaryReportDlg to display the HTML button.
- Fixed SummaryReport to use the VReg show option.
- Log errors importing bad wav files.
- Fixed bug in SumCounters where views not recreated after dump and load.
- Improved ResultSvr performance.

1.17.7 Oct-13-00

- Fixed minor bug in BRCImport when building export map.
- Improved CAExport and ResultSvr performance.
- Fixed problem in SumCounters when deleting counters.
- Added multilingual support to import audio.
- Do not show "Number of Precinct" and "Number of Precinct Reporting" columns of SOVC report. They are not implemented yet.

1.17.6 Sep-26-00

- Change LAImport to import active districts rather than permanent districts.
- Fixed bug in Print Artwork dialog when ballots are not sorted properly.
- Added ability to enter Audio text with Preference and Endorsement Races.
- Added missing audio data to headers for downloading to AVTS unit.

1.17.5.2 Sep-26-00

- Fixed minor bug in LAImportText.
- Changed LAExport to use fixed field.
- Increased size of ballotBox from 1MB to 2MB so LA can do a basic L&A test.
- Added placeholder to ballot toolbar for drop down.

1.17.5 Sep-22-00

- Added support for new AVTS upload protocol that allows arrays to be greater than 65535.
- Added "ExportVoterCardData" to export data for the new VCProgrammer program.

1.17.4 Sep-19-00

- Fix Audio-ConvertFile so works correctly on multiple pass conversions.
- Limit formats displayed in GEMSAudio::DoConvert to those that can convert to.
- Display "big" as the memcard size if the vpos table breaks 64k.
- Fixed bug in PrintReport when reading "Reports.ini".
- Fixed bug in Summary report HTML export when headers column do not line up over the results column.
- Changed logic in finding matching plates and fixed a bug where multicard ballots share cards with the same races but different lengths.

1.17.3 Sep-09-00

- Fixed the problems with INDISTRICT rotation for California.
- Supports uploading of larger files from the AVTS

1.17.2 Sep-01-00

- Fixed problem when upgrading database taht were created in 1.11 to 1.14.
- Fixed bug when races do not place correctly in the first column .

1.17.1 Aug-31-00

- Added LAExport and DIMSExport.
- Fixed bug which caused v2 protocol to fail.
- Fixed problem in auto layout when header appears twice on a ballot.

1.16.10 Aug-30-00

- Added version comment to Reports.ini.
- Fixed problem with Minnesota export not showing absentee votes.
- Added checkbox for "Disallow skip cand" VIBS option.
- Filter headers that do not have "Include On" set for AccuVote.
- Correct number of fields in HeaderLayDetailRecSets.
- Fixed AutoLayout rollback behavior when using card headers/footers.

1.16.9 Aug-15-00

- Changed Min Export to new format as per MIN. SOS. Allow editing of Reg. Voters as per Anoka Counties request.
- Fixed LA import problem with write-in candidates being rotated.
- Fixed bug on SOVC that included write-ins in all races even if there were no write-ins.
- Fixed bug for sub-totalling times counted.

- Added new rotation type for California where races rotate sequentially by districts of a district category that reside within the races district boundary.
- Fixed bug in SOVC that truncated long names when printed vertically.
- Removed "Edit Cert. Page" button from Summary Report.
- Fixed bug in Summary report when printing "Vote For" field.
- Fixed bug in Summary report when printing "Times Blank Voted" and "Times Over Voted" labels.
- Implemented sorting by upload time in DownloadDlg.
- Fixed problem with Standard Import not flagging write-ins as non-rotating.
- Made "Write-in Votes" label in SOVC Certification page a CLocaleString.
- Fixed problem with inserting wmf and emf files in the RTFEditCtrl
- Added functionality to save other than PCM audio formats.

1.16.8 Jul-21-00

- Fixed problem with Summary Report race positioning for columns > 1.
- Adjusted SOVC/Summary Dlg to not truncate text.
- Added multiple selections in card/ballot editor.
- Fixed rounding problems with multiple resize.
- Fixed bug in BOD when identifier marks were not printed correctly.
- Fixed problem with separate ovals not printing.
- Changed oval surrounding background back to white.
- Fix problem in CardElements that did not account for box shift.
- Modified list control window style to allow multiple selection.
- Fixed bug in BallotEditorWnd when cutting races or headers from a ballot.
- Renamed "Pct Ids" label in counter group dialog to "Print Pct/Seq Ids"
- Added wait cursor when loading most dialogs.

1.16.7 Jun-22-00

- Fix bugs in CardElement that caused race headers to be squished.
- Fixed problem with calculating voting positions in landscape mode.
- Fixed problem with determining position of ovals when drawing white background.
- Change GEMS Backup file extension from .dbf to .gbf.

1.16.6 Jun-15-00

- Disable vgroup check box if rot type is none.
- Fixed bug in RaceEditor that did not initialize the RTFData when create default candidates.
- Fixed bug in LanguageEditor that did not create RTFData when saving more than one language.
- Fixed bug in ReportunitEditor that complained about duplicate sortSeq when updating.
- Fixed bug when creating Candidates for Preference Races.
- Added help support for Subclasses of CPrintDialog and for Dialogs that are running in a background thread.
- Fixed bug in South Carolina Export.

1.16.5 Jun-09-00

- Fixed problem in importcontext that wiped out reportunitbaseunit relationship on import.
- Fixed bug in TextCell that did not delete enhanced metafiles correctly.
- Fixed bug in CardElement that did not reload headers correctly.
- Fixed problem with not using race default paragraph format when creating new race data.
- Added South Carolina Export.

1.16.4 Jun-02-00

- Fixed problems in standard import
- Added functionality to customize header of the SOVC and Summary reports.

1.16.3 May-31-00

- Fixed problem with clipping of bottom of text.
- Support setting background color for a selection of text rather than the whole richeditctrl.
- Added writein votes to SOVC Certification page if write-in's are shown.
- Fixed problem with vts import (reportunit & baseunits not displaying)
- Fixed problem with printed ballot being different than screen ballot.
- Fixed label in ExportEdit VCenter page.
- Fixed problem with resetting dialog information in VCenterEditor when selecting CountMethod.
- Changed AllBallotsGenerated to require atleast one valid ballot.
- Ordered races by sequence number for displaying in CALExport.
- Fixed bug in BallEdit when changing cards manually loses other cards on the same ballot.
- Support download version 3 and 4.
- Fixed problem with not showing all the voter groups when BOD checked on in PrintArtwork dialog.
- Fixed bug in RaceEditor that did not create the RTFData records for new races and candidates for all languages
- Added warning when saving if RTFData is empty for any languages.
- Added check in generating download file that all items with RTFData have data for all languages
- Added multilane report titles.

1.16.2 May-24-00

- Show error message instead of internal error if BRC import encounters a duplicate report precinct export id.
- Added positioning flags to artwork printer offsets (top, center, bottom).
- Changed the auto layout "next card" behavior to just reset to the front of the current card if it is empty.
- Added PA vote options and VGroup backgroud flag to AVTS setup.
- Converted to using Richedit 20.
- Added functionality to log database upgrades.

1.16.1.6 May-12-00

- Fix invalidating ballots when adding headers.
- Fixed problem in Cast Card Report when total is not adding up correctly.

1.16.1.5 May-11-00

- Fixed handling of candidate block justification.
- Fixed 11->12 upgrade.
- Added two new locale.ini entries: Front and Back.
- Improve performance of ballot layout invalidation when adding/modifying headers.

1.16.1.4 May-04-00

- Added counter group short labels to summary title.
- Include report description in SOVC heading.
- Added none as percent option for summary report
- Implement options to suppress color on paper artwork.
- Removed AVTS right vote box option.
- Add color to vgroup section and short label to counter group section of download2.

- Fixed problem with RTFDefaults not storing font family.
- Fixed problem with printing multiple copies of the summary report.
- Added option to specify JresultClient's label caption in ResultSvr.
- Draw cardlayer ovals.
- Save thick vlines in CraceDefaultProp.

1.16.1.3 Apr-19-00

- Added AVTS setup checkbox for skip instructions.
- Fix bug in determining height of race text rect.

1.16.1.2 Apr-14-00

- Change color interface from combobox to button and color dialog.
- Added underlying color to RTFEditor to display when text is transparent.
- Display appropriate background color in race editor.
- Added short label to counter group.

1.16.1 Apr-12-00

- Color support.
- Auto absentee AccuVote tally option.
- Not counted and count method mask options for race.
- Thick horizontal lines for races and headers.
- Card footer and header support.

1.15.10 Apr-06-00

- Rotate candidate names properly.

1.15.9 Mar-17-00

- Fixed bug in manual entry and multi-precinct vote centers when after modification to one precinct the results for the other precincts in the vcenter will be cleared.
- Ability to print entire report when preview it.

1.15.8 Mar-9-00

- Fixed problem in CC when it slows down until single card goes thru and rejects on overvote.
- Fix problem when determining winners when less candidates than to vote for.
- Fix problem where new candidates were creates as withdrawn (1.15.7).
- Revert 1.15.7 work around for 1.94x modem.
- Print artwork dialog includes baseunit/ballot/vgroup information for BOD.

1.15.7 Feb 23-00

- Added &M0 modem initialization to force no error correction mode to allow GEMS to work with initialized Zoom 14.4 modems as in bugging 1.94x.

1.15.6 Feb 23-00

- Fix race editor bug maintaining the candidate type.
- Respect the vcenter race filter set for BRC import.

1.15.5 Feb 22-00

- Improve 1.9x modem handling.
- Turn local echo off so we don't mistake echos for an AV.
- Detect that we are attached to an modem even if we are online.
- Close and reopen the port if we get an IO exception.
- Detect loss of carier during RTS exchange.
- Improve user feedback of status

- Implement server connect timeout
- Don't include label candidates in upload candidate maps
- Fix bug which caused print artwork to fail

1.15.4-2 Feb-18-00

- Fix logic bug in applying supplemental straight party votes in Central Count.
- Calculate vpos table correctly for landscape ballots.
- Removed printing of percents in SOVC for over, under and blank when percents by VoteCast.
- Fix bug in poster when clearing vcenter.

1.15.3 Feb-03-00

- Download withdrawn candidates for v2.

1.15.2.2 Feb-02-00

- Fixed problem with the AVTS download version not being set correctly.
- Fixed problem in SOVC drawing lines between races.

1.15.2 Jan-31-00

- Support for downloading to the AVTS-VIBS units
- Support for CAL SOS export with unused races
- Fixed problem with multicard ballot headers not saving correctly

1.15.1 Jan-20-00

- Full face candidate layout.
- New draw flags left, right, top, bottom, cand horiz line ext, cand vert file, full grid.
- Vertical oval justification.
- Option to not display write in line.
- Landscape ballots.
- Header candidates.
- Candidate report order seperated from ballot artwork order.
- SOVC certification page.
- Oval margin rule now applies to all candidate columns of a race. Results in artwork that is incompatible with previous releases when using multiple candidate columns.
- Candidate box shift left and right.
- Supplemental staight party tally rule.

1.14.8

- Added vertical lines between races in SOVC.
- Calculate Reportunit label width in SOVC based on longest label.
- Calculate Candidate Label Height in SOVC based in longest candidate when rotating names.
- Added Generation Number to DownloadDlg title.

1.14.7

- Fix problem with not setting font family in GEMS RTFEditor (causing weird fonts in AVTS if font specified not installed).
- Fixed problem of not downloading all header text in V2 Download.
- Fixed problem of TS results not uploaded.
- Removed baseunits and reportunits from Export Edits district list.

1.14.6

- Fixed "Too few parameters" bug in ExportEdit.

- Fixed "Syntax error in FROM " bug in VcenterEditor.
- Fixed problem with reading old ballot using version 1.14.

1.14.5

- Include OverVotes and BlankVotes in UnderVotes for the SOVC and Summary Reports when not being shown otherwise.
- Changed timeout in download from 50 sec. To 120 sec. To allow the Accu-Vote enough time to GenerateCounters.
- Add function to calculate the memory cards size for a Vcenter in the Vcenter Editor.
- Do not allow Voter Groups to be deleted if in used by any race or candidate.
- Fixed problem when selecting the Ballot Tab when displaying reportunits.
- Fixed problem in Tally where all candidate counters were being cleared when Endorsed races were being cleared not just candidates of Endorsed races.
- Increased buffer size for BulkRecordsets to handle longer labels.
- Added audit logging of user changes to the database.
- Updated California Export to new CALVOTEII format
- Added ability to move re-arrange columns in the ListViews and the PrintCards card list.
- Added support for the Vcenter closed status (to indicate that a Vcenter has reported).
- Added displaying of NumberCounterBatches, NumCounterBatchesCounted, PrecentCounterBatchesCounted, NumVCenters, NumVCentersCompleted and PercentVCenterCompleted in the Reportunit ListView.
- Added NumberCounterBatches, NumCounterBatchesCounted, PrecentCounterBatchesCounted to the Vcenter ListView.
- Implemented the SOVC Certification statement as required by State of Wisconsin. This uses the macro @RACE to print out the list of races and candidates with their votes in the format requested by the State of Wisconsin.

1.14.4 Jan-06-99

- Fix bug in central count that caused Exception when counting shadowed races.
- Automatically copy the Race label and VGroup label to the Ballot text when creating new races and Vgroups.
- Fixed bug with dragging reportunits onto reportunits.
- Fixed bug that did not display reportunits that had no baseunits in the treeview.
- Fixed bug in race editor when changing sortseq for a candidate in a Shadow race that caused the candidates sortseq not to be updated.
- Fixed bug that caused Shadow race candidates to be deleted when deleting a Shadowed race.
- Fixed bug in CardCast report that caused Exception if NP Vgroup did not have separate ballot and not Absentee/Non-Absentee vgroups defined.

1.14.3 Dec-23-99

- Fixed bug in BuildElect when have race with no candidates.
- Fixed bug that caused all race rotation reports to produce nothing.

1.14.2 Dec-23-99

- Fix problem with rotation
- Fix problem with expanding Reportunit Tree view.
- Add party code to artwork file name format is cardid-precinctid-partycode-side.ext. eg(1-10-DEM-FB.ps)

1.14.1.7 Dec-15-99

- Handle fewer candidates than candidate columns..

1.14.1.6 Dec-09-99

- Fixed download crash and upload baseunit bug..

1.14.1.5 Dec-08-99

- Fix "no current record" bug in RaceEditor.

1.14.1.4 Dec-07-99

- Fixed bug that cause problem when assign base precincts to districts.
- Update the race type combo box when a recall or shadow race is added so that recalled or shadowed race type is added to the combo box.

1.14.1.3 Dec-06-99

- Create view GeoDistrict to reflect geographic districts.
- Filter out the recalled and shadowed races in the race type combo box.
- Get only the traditional reportunits when building reportunit seqmap in download v1.
- Get only the geographic districts in the race editor, summary report, and SOVC dialog.

1.14.1.2 Dec-02-99

- Enhancements to shadow races.

1.14.1 Nov-29-99

- Shadow races.
- Memory card signatures for smart re-download.
- Option to set directory for result server.
- Allow scroll of rich text after cards printed.
- Overwrite existing file when printing to HTML.
- Fix bug in SOVC report where percent by ballots cast and votes cast were reversed.
- Re-enable download version checking (1.13.6).

1.13.9

- Fixed bug in ChallengeBoardDlg that caused problems when non-challenged ballots loaded.
- Fixed bug in TallyCardRot that cause ballot masks not to be loaded. Result was no votes counted.

1.13.8

- Fixed the SQL statement that caused the error in CardQtyByCard.rpt . The database must be reloaded.
- BRC Import.

1.13.7

- Post ChallengeVoter stats to database. Finished user interface for challenge board.

1.13.6

- Disable DLVersion checking when uploading to allow Gaston Nov, 1999 election to proceed.

1.13.5

- Fix crash of race, header editors when updating.
- Display correct write-ins in the ballot audit viewer
- Log printer feature prints correct timestamp, and allows selection of logs to print
- Fix v1 (AccuVote) upload and download

1.13.4

- Fix ballot audit viewer and ballot editor crash (1.13.3)
- IMARK import must now use manual entry type for the import vote center
- Fix result server generating results when not checking "Use Only Polling" in the monitor script
- Fix upload of results in v2 server for split precincts
- Fix crash of race, vgroup, and header editors when applying changes

- Fix central count "Bad EncodeMask" exception

1.13.3

- Allow num mem cards to change after set for election.
- Make room for multiline election title in summary report header.

1.13.2

- Fix user interface for download (show 'Q'). (1.13.1)

1.13.1

- Fixed bug displaying all VGroups in both the VGroup list boxes in the header editor
- Post write-in counters and TS ballots images to database.
- New dialog: ballot image audit viewer
- Display write-in labels on ballot audit viewer.
- Fix AV server crash when TCP ports are open.
- Record and play back voice.

1.12.4

- Implement withdrawn candidates for download 2.

1.12.3

- Find correct memory card to check off in download.
- Fix sort order of memory cards in both upload v1 and download.
- Limit vcenter sortseq to 7 digits. Check for sort seq and machine id limits in V1 download.

1.12.1

- Added artwork version option to Ballot Options. Fixed bug where checking on "print precinct on back" under Ballot Options while cards are printed gives error. Changed the ballot cast instruction rich text for write-ins. Fixed Vgroup Combo boxes in District editor. Added ExportID field to the District Editor, Race, Base Precinct, Header, Regions, Language, Vote center and Report Precinct Editor. All the ExportID fields added to the Export ID editor. Added refresh screen functionality. Fixed bug allowed to change Candidate Type field to Write-in when the election status is Card Printed.
- Added sorting of the entries in the PrintCards dialog

1.11.14

- Fixed problem in race editor where no candidate "selected" cause an internal error when the edit rtf button is used.
- Remove "add" function from CDBListview.
- Fix internal error when a race change causes ballot mods, the user declines modify ballot warning and then applies change again.
- Add file name, line number, and compilation date to internal error messages.
- Fix bug where rapidly hitting cancel twice in the Program Memory Cards dialog with open ports causes an internal error.
- Fix problem where the "Add" and "Delete" functions for the Tree & List views were enable when not set for election rather than set for election.

1.11.13

- Added South Carolina Export.
- Added certification comment to about dialog..
- Bug fix: Registered Write-In candidates cause ballot layout to fail.
- Bug fix: Ballot layout crash caused by incorrectly fetching ballot printer settings.

1.11.12

- Fixed problem with squishing candidates when box shifted.

1.11.11

- Fixed problem with truncating long RTF text.

1.11.10

- Fixed more problems with StandardImport and added more error messages.

1.11.9

- Fixed problem with import RTF data (allow non-escaped quotes).

1.11.8

- Fixed problem in RaceEditor not displaying Recalled race type after recall race added but editor not exited.
- Fixed problem in RaceEditor where EndorseRace and PreferenceRace comboboxes where not being updated correctly during mutliiple adds.
- Fixed problem when Voter groups where deleted and not updating counter groups.
- Fixed problem in Tally where all candidate counters were being cleared when Endorsed races were being cleared not just candidates of Endorsed races.
- Increased buffer size for BulkRecordsets to handle longer labels.
- Added audit logging of user changes to the database.

1.11.7

- Increase the report precinct width and candidate height by half and inch.

1.11.6

- Added user interface for count method mask to header and language dialog.

1.11.5

- Fixed bug in download that caused AVTS downloads to fail.

1.11.4

- Fixed problem with setting incorrect Writein Option in the AccuVoteProperties (causing Override to be set as Preference and vice a versa).
- Fixed problem with generating non-rotated absentee ballots
- Fixed problem with downloading duplicate races if two counter groups in one vote center

1.11.3

- Fixed crash when canceling the download dialog.
- Fix problem uploading regional results - election id was compared incorrectly.

1.11.2

- Fix bug uploading candidate counters (1.11.1).
- Fix bug in adding second endorsement or preference race (1.5.1?).
- Fixed spelling mistake in the pre-election report list.

1.11.1 Jun-29-99

- Added regenerate election id button to Election Setup.
- Fixed bug uploading on more than one port simultaneously (1.8.1)
- Added endorsement text width option, and wrap candidate label checkbox to Ballot Option.

- Changed the default Precinct Summary Report to not have Race Id checked.
 - Fix bug in setting race to recalled (1.5.1).
- 1.10.4** Jun-22-99
- Support AccuVote-TS 3.6.1.
 - Fixed candidate column drawing in ballot layout (1.9.4).
- 1.10.3** Jun-18-99
- Fixed voter group editor where the party name was not able to entered into the name field (1.10.1).
 - Fix bug in manual entry on AccuVote-TS counter batches.
 - Fix bug in manual entry database query (1.10.2)
 - Added Header Report to the pre-election report set.
- 1.10.2** Jun-8-99
- Support AccuVote-TS 3.5.1.
 - Voter group editor now uses endorsement text defaults when generating the rich text.
- 1.10.1** Jun-3-99
- Automatically disable Race Editor vote-for field and reset it to 1 for straight party races.
 - Disallow running another instance of GEMS if an election with same identifier is already opened.
 - Added Ballot Layout options under AccuVote-TS setting box.
 - Added language and RTF support to Voter Group labels.
 - The Print Artwork dialog prints "proof only" as well as date and time for proof ballots.
 - The id field in the candidate list control of the Race Editor now displays correctly.
 - Added RaceRotationWithCards report.
 - Central count performance improvements.
 - Fix bug in central count where cards with the wrong election id were not being rejected.
 - Support CC 2.00h protocol.
 - Added support for multi-line election title in the pre-election reports.
- 1.9.6** May-20-99
- Changed label "VoteFor" to "Vote For" in HTML Precinct Summary report.
 - New GEMS menu: "Program Mem Cards v2" which is used to program AccuVote-TS super-disks.
- 1.9.5** May-19-99
- Support AccuVote-TS 3.4.1.
 - Multi language support for AccuVote-TS.
 - Re-work of Ballot Station text. Requires new directory TSText which stores the text.
 - Download rich text for voter groups (use with Straight Party on AccuVote-TS). No support for editing the rich text yet.
 - Support download of write-in candidates.
 - Support download of AccuVote-TS ballot layout. No editor to modify these values yet.
 - Improved network communication error handling.
- 1.9.4** May-10-99
- Disable vote center's ID, region, race filter set, number of memory cards, and count method after election is set.
 - Correctly filter the ballot and cards by report precinct category in the list controls and pre-election reports.
 - Change error reported by manual entry for non-existent counters from "Vote Center is not in this region" to "No Counters Available to Modify"

- Report error "Missing Endorsement Race" in Program Memory Cards when a recount is performed and the endorsement race is missing from the recount race set.
- Fixed bug in summary of card quantity. Card Precinct IDs are determined correctly for vote centers that don't need them.
- Clear the deck list in the central count dialog when the server is stopped.
- Fix bug where user was not warned to save the artwork when a race or header was moved in the ballot or card editors.
- Fixed bug in calculating oval positions when using candidate justification and candidate margins.

1.9.3 Apr-27-99

- Added AccuVote-TS support for multi-line election titles.

1.9.2 Apr-25-99

- Added support for No Votes Cast warning on AccuVote-TS.

1.9.1 Apr-23-99

- This upgrade will add AccuVote-TS instruction headers to GEMS database for editing. These headers are now included in the AccuVote-TS download protocol.

1.8.1 Apr-15-99

- Race and candidate labels can again be changed after set-for-election. The 1.7.4 behavior is restored (1.7.5).
- Database loading will be performed normally, and the user has to provide the password upon opening.
- Improve posting and central count performance.
- Closing central count dialog while running now cleanly stops the ports.
- Fix bug in switching central count vote centers.
- Adding report precincts to any report precinct category will be prohibited after cards-printed.
- Fix "too few parameters" bug when deleting rotation districts.
- Added a locale id field to each language.
- Fixed UI behavior in Region and Language editors.
- Fixed bug where central count decks would appear in download dialog. (1.7.5)
- Don't print card id text outside cut marks on artwork printed without separate ovals set.

1.7.5 Mar-26-99

- The report title field of Print Summary Report appends to the precinct name on the report, rather than replacing it.
- Regions can not be deleted after set-for-election.
- Race and candidate labels, and candidate type, are not allowed to change after set-for-election.
- Fixed the problem, which may be triggered after installing Internet Explorer 5, where candidate names are not shown on Race Editor candidate list.

1.7.4 Mar-13-99

- Ballot length buttons in Ballot Editor are disabled after cards are layed out.
- When creating or importing database, the election title will set to the name the user provided, without the directory path.
- Fix "path not found" bug in print artwork (1.6.1)

1.7.3 Mar-13-99

- Fixed problem with clearing Central Count Batches
- Improved how GEMS handles Accu-Touch results.

- 1.7.2** Mar-11-99
- Fixed upgrade problem in 1.7.1
 - Fixed infinite loop problem when saving in Race Editor.
- 1.7.1** Mar-11-99
- Implemented Standard Import for importing data into GEMS from a standardized import format. This import method allows re-importing of the data, to update the election from whatever source generated the import file, only affecting those records that are added, deleted or changed and so only affecting those ballots/cards using those records.
 - Implemented Export Card Data to export the data for BOD printing and/or importing into a Voter Registration system.
 - Improved performance of generating ballots in large databases.
- 1.6.1** Mar-9-99
- Added download machine type (AT/AV) and its sorting functionality to the Vote Center page in Download Dialog.
 - Fixed problem laying out ballot artwork when the same header appears multiple time on the same card
 - Fixed problems when upgrading from pre-0.90 databases.
- 1.5.10** Mar-1-99
- Fix export results selection dialog (1.5.3)
 - Fix reset election and set-for-election clearing of results (1.5.9)
- 1.5.9** Feb-26-99
- Disabled creating child districts for Unassigned and Jurisdiction Wide districts.
 - Fixed clear memory cards and central count decks (1.5.6)
- 1.5.8** Feb-24-99
- Fix internal error in race editor when using district rotation in options tab (1.4.1).
 - Fix bug where exiting election mode would not reset mem cards to not programmed (1.5.6)
- 1.5.7** Feb-19-99
- Fix Print Summary Report printing and HTML output (1.5.3)
- 1.5.6** Feb-18-99
- Poster crash recovery. If GEMS crashes which jobs are pending in the poster queue, they will be recovered when GEMS restarts.
- 1.5.5** Feb-15-99
- GEMS will now not report a precinct as returned until after the counters have actually reached the database
 - Improve performance of posting upload jobs
- 1.5.4** Feb-12-99
- Regional upload now attempts to send an error message to Client if there is a problem.
- 1.5.3** Feb-11-99
- Fix ballot editor cut-and-paste of races with many (>8) candidate columns
 - Fix HeaderEditor where it fails to load the default language label when first started up.
 - Added multiple printing option to Summary Report. A new Summary Report Print box

- will show the status of each report while printing.
 - Added right and bottom timing mark numbers to Ballot Editor.
 - Fix hang caused by network communication in the case of an error on closing a connection
 - Added Logging to Regional Results server.
- 1.5.2.2** Jan-?-99
- Fix Kansas Rotation
- 1.5.2** Jan-20-99
- Fix problem with 1.5 upgrade. 1.5.1 users will need to re-upgrade their database from their previous version.
- 1.5.1** Jan-14-99
- User can specify the candidate text block width for each race. If the allocated width for the race is larger than the candidate block width, the candidate text block justification will take effect.
 - Enabled thick lines as a header draw option.
 - fix problem on editing printer property in Print Artwork dialog.
- 1.4.2** Jan-13-99
- Fix problem with saving election date.
- 1.4.1** Jan-7-99
- User can select separate oval option in Print Artwork dialog. When set, a separate postscript file will have ovals only printed.
 - Added thick oval option in Print Artwork dialog. This option can only be selected if the "select separate oval" option is set.
 - User can add and remove language definitions in the Language Editor.
 - Added multiple languages support to Header Editor and Race Editor.
 - The Precinct Summary, SOVC and Cards Cast Reports screens will automatically be maximized when opened.
 - fix problem laying out ballots when a race is multiply spaced and uses multiple columns.
- 1.3.7** Nov-23-98
- Fix problem when downloading memory cards for recount would cause the AccuVote to issue an "out of sync" error message.
- 1.3.6** Nov-18-98
- Fix problem in SOVC where write-ins were being printed even if not wanted.
 - Improved performance of RSLTSever.
 - Fix problem in all printing dialogs where controls failed to initialize.
 - Race editor and default race option setting have an option to draw multiple write-in lines.
- 1.3.5** Nov-12-98
- Added Find Button which allow user to locate items in tree view from list view.
- 1.3.4** Nov-4-98
- Fix problem with download console downloading incorrect vote center if vote centers were sorted in any order except default order.
 - Fix problem with width of BallotCast/Reg.Voter field in Summary Report.
- 1.3.3** Oct-28-98
- Fix problem memory card status and upload. 1.2.1 introduced a bug where the memory

card would be marked as not programmed after upload completed.

1.3.2 Oct-24-98

- Fix problem with central count introduced in 1.3.1. Ballots were being read by the accuvote, but no totals were recorded.

1.3.1 Oct-22-98

- Fix problem with withdrawn candidates where memory cards could be uploaded, but results were not posted to the database. Also handle withdrawn write-in candidates.
- Added support for registered write-ins.
- Added support for sorting write-ins in central count. Requires 2.00d CC firmware.
- Added support for withdrawn candidates to central count.
- Region labels added to the Vote Center list in Download dialog. Sorting by label and sort seq are also available.
- Fix the candidate withdraw button which did not store the field while switching between candidates.
- Registered write-in candidates are not allowed to be withdrawn.
- Upload Dialog can now be minimized.

1.2.2 Oct-21-98

- Users will be warned if Locale.ini is not found during GEMS start up.
- If the log file is corrupted, users will be warned when the Log File window opens.
- Fix problem where upload would reject any memory card programmed with races with no candidates.
- Download copy is no longer checked on upload.

1.2.1 Oct-15-98

- Improve performance for downloading memory cards and editing cards.
- Fix bug in Summary Report where precincts reportunits and number of precincts would be incorrect if there were any races with no candidates.
- Fix bug in program memory cards where a port could not be stopped if it was in the connected state but there were no jobs in the queue.
- Fix bug where reset election would not cause manually entered memory cards to appear as not reported in the summary report.
- Disable candidate delete button in Race Editor when the candidate list is empty.
- Ballot Editor displays timing mark numbers.
- Add notes field to vote center.
- Fix bug where the public count would be incorrect if there was more than one card or precinct in the central count deck or memory card.
- Fix internal error that could happen in central count when reading 18" cards.

1.1r7 Oct-6-98

- Central count precinct header cards are now based on the report precinct's "Header Card Number," not its ID.
- Support for precinct header separator cards in central count. A separator card is expected before a new precinct header card will be accepted.
- Change Locale.ini into Windows INI file.
- fix bug in central count where races on the back of ballots would be miscounted or rejected because of invalid marks.

1.1r6 Oct-5-98

- Add California Export utility
- Fix bug where renaming report precinct when there are many vote centers would cause hang.

- New Locale.ini file format for easier multi-language support. The file contains a "Default Name"- "Locale Name" pair list and which is editable with plain text editor.
- The VoteCentersWithCardsByID and VoteCentersWithCardsByLabel reports replace the VoteCentersWithCards report.
- All vote center reports now shows all vote centers, including those with ID less than 10.
- The VoteCentersWithReportPrecinctsByID and VoteCentersWithReportPrecinctsByLabel reports replace the VoteCentersWithReportPrecincts report.
- Fix bug on saving Ballot Editor window position when closing.
- Fix bug where generating ballots after deleting a race would cause an internal error. Now don't lay out ballots that have no base precincts.
- Disallow users to "un-set" for election when upload, central count, or monitor server are running.
- The race editor disable the endorsement and preference races if not set for election, rather than cards not layed out.
- Race report now formats the endorsement and preferencerace race ids explicitly with no decimal place, regardless of the setting in Control Panel\Regional Settings.
- Added support for sequence numbers, precinct override cards, and 1.94s "smart precinct ids" to central count.

1.1r5 Sept-30-98

- Central Count Status Reports now sort correctly: by Deck Id, or by Time.
- Added Reset Artwork Confirmation box and Reset Progress box.
- Build with Visual C++ 6.0. Requires new mfc42.dll.
- Fix bug in Print Artwork dialog where the grid and proof ids would not be drawn even if they were requested.
- Fix bug where card layouts with ovals in the last column of the back would have memory cards programmed with incorrect oval positions.

1.1r4 Sept-28-98

- Added District Tab to Ballot Style, and vice versa.
- Save Ballot Editor window position on closing.
- Use base print label in to substitute the @precinct macro when the precinct is split. This feature assumes a precinct is split iff the base precinct id is 0.
- Added Reg. Voters per race to SOVC and Export Results
- Widened votes field in SummaryReport so Precincts Reporting > 999 would fit
- Fix bug in Card Quantity Reports
- Fix bug in Export Format Editor where Blank and Over vote positions were switched

1.1r3 Sept-23-98

- Recall Races implemented in central count.
- Blank race and blank card reject now behaves consistently in central count.
- Split ticket ruled implemented in central count.
- Fix bug which caused database creation to fail.

1.1r2 Sept-22-98

- Only highlight the definite winners in Summary Report, none of the "last winning rank" candidates will be highlighted.
- Added Cards Artwork report which shows cards and their seq#.
- Fix to Create New Database. Version 1.1r1 was not able to create new database.

1.1r1 Sept-21-98

- Fix to Print Artwork Dialog. Previously, some cards would disappear when selecting *by precinct* or *by sequence*, then printing, then unselecting *by precinct* or *by sequence*.

- Allow card lengths to shrink in the ballot/card editor. Headers are deleted and races are placed back on the unplaced list, when they don't fit in the new length. Removing significant header will disallow the shrink
- Added Card Count column in MemoryCardStatusReport.
- Improved performance of central count reports
- Changed format of artwork files. The precinct/sequence identifier is no longer included in the file name of the back image. The precinct/sequence number is not drawn at the bottom of the back image.
- Fix potential memory corruption problem with central count.
- Fix bug in central count where we would leave a counterbatch record even when the deck was not committed (because of an accuvote crash for example).
- Added a drop-down to the print cards for the extension to use when printing to file.
- Fix bug in Print Artwork where empty back image files would be generated even when front images only were selected (and visa versa). Now force "separate files" to be unchecked and disabled when printing only fronts or backs.
- Added Registered Voters by Race to SOVC Report and Export Results.
- Fix problem in Central Count where cards with a precinct identifier for any precinct in the vote center would be accepted, even if the card did not belong in the precinct. This could happen if the Accu-Vote mis-read the precinct id, or if the cards were mis-printed.

1.0r1 Sept-15-98

- Support added for Accu-Vote 1.95 firmware.