

# Release Notes

## AI Allegro MX/CX Software v4.1.4

Table 1 describes what is new and enhanced in the AI software, v4.1.4 for the Allegro MX™ and the Allegro CX™ Field Computers.

**Table 1. AI Allegro 4.1.4 Enhancements and Updates**

Enhancement/Update	Description
<b>Overview</b>	<ul style="list-style-type: none"> <li>■ Allegro 4.1.4 now supports international dates and number formats. For example, a region can be selected in the <b>Settings &gt; Regional Settings (Settings &gt; Control Panel &gt; Regional Settings</b> for CX), such as English, and then the number (metric or US standard), currency, time, and date formats can be selected to correspond to that region. A file will automatically be given the file extension of the file type chosen in the <b>Save as</b> window.</li> <li>■ A warning message will display when the Allegro's memory is low. Low memory is considered to be less than 1Mb.</li> <li>■ For the Allegro MX, the save icon in the PeriodicSurvey and CeCi applications has been repositioned to make it easier to tap.</li> </ul>
<b>CeCi</b>	<ul style="list-style-type: none"> <li>■ A potential close interval survey can be taken in either AC or DC. The results are saved in the survey file for transfer to PCS. The feature is accessed through the <b>File &gt; Properties &gt; Type</b> tab.</li> <li>■ GPS settings can be displayed in either decimal degrees or in degrees and minutes. The format can be set through <b>View &gt; Options &gt; GPS</b> tab.</li> <li>■ When an SVY file is exported, the PDOP value will be added to the GPS values. To have the internal GPS receiver output the PDOP value, the GPSPodSetup settings must be:           <ul style="list-style-type: none"> <li><b>9600 baud, parity none, 1 stop bit</b></li> <li><b>NMEA</b></li> <li><b>GGA, GSA, VTG, ZDA</b></li> </ul>           On the Allegro, the PDOP value is displayed on the GPS status line. The PDOP value is also displayed in GpsStatus.             In the PCS executable folder, an updated version of the <i>wToCmd.exe</i> file must replace the existing <i>wToCmd.exe</i> file to support this change. The updated file is available on the upgrade CD or from Technical Support.         </li> <li>■ Autosave is now available for the CeCi applications.</li> </ul>

**Table 1. AI Allegro 4.1.4 Enhancements and Updates (Continued)**

Enhancement/Update	Description
<b>PeriodicSurvey</b>	<ul style="list-style-type: none"><li data-bbox="685 262 1417 411">■ Timed average readings can be taken in the PeriodicSurvey application. The <b>Average P/S, Min P/S, Max P/S, and P/S Sample Time</b> fields must be added to the prompts and set to record in PCS before the route survey file is transferred to the Allegro. Timed readings can be set for 1-10 minutes.</li><li data-bbox="685 428 1417 541">■ The name typed into the <b>Technician</b> field will carry over to any new sites created after the field is completed. This field can also include a picklist (from PCS), from which the user can select a name.</li><li data-bbox="685 558 1417 672">■ Mandatory data entry fields in PCS become mandatory data entry fields in a PeriodicSurvey survey file on the Allegro. Mandatory fields are marked with an asterisk (*) on the Allegro.</li><li data-bbox="685 688 1417 781">■ The GPS method chosen in PeriodicSurvey is recorded in the survey file and transferred to PCS and populated in the <b>On-Off Method</b> field.</li><li data-bbox="685 798 1417 890">■ GPS settings can be displayed in either decimal degrees or in degrees and minutes. The format can be set through the <b>View &gt; Options &gt; GPS</b> tab.</li><li data-bbox="685 907 1417 1020">■ Shunt calculations - the rectifier shunt rating or resistance values can be manually added by the technician while performing a survey if the values are <b>not</b> included in the those fields from PCS.</li><li data-bbox="685 1037 1417 1150">■ A list of sites that have <b>not been</b> surveyed can be generated. This feature is available in the PeriodicSurvey application through the <b>View &gt; Site List &gt; Options &gt; Site list options</b> screen.</li><li data-bbox="685 1167 1417 1281">■ A list of test points can be generated based on GPS coordinates. This feature is available in the PeriodicSurvey application through the <b>View &gt; Site List &gt; Options &gt; Site list options</b> screen.</li><li data-bbox="685 1297 1417 1390">■ The option to display bearing distance in feet/miles or meters/km has been removed from the PeriodicSurvey <b>Options (Misc tab)</b>.</li></ul>