

## **CARLSON 2024 OEM FEATURE UPDATES**

### **GENERAL**

- Added support for migration wizard
- Drawing Setup - Improved projection selection and updated support of predefined projections
- Drawing Setup – improved interactivity of projections when WGS84 Lat/Lon Datum is selected
- Drawing Setup – added support of exporting localization file to .loc and .cg3 formats
- Drawing Setup - added support for EPSG code projections
- New Drawing Wizard - now displays full project path, uses New/Existing coordinate file selection instead of toggles
- Project Setup - Data Type Sub-folders – now allows user defined file extensions for data types
- General Settings – added option to set a maximum width for Mtext entities created by routines
- Edit Points - better support for high resolution screen with additional font sizes
- Drawing Inspector – added ability to Identity Surface
- Drawing Inspector – now displays Point Groups with Point Data
- Import LandXML files – improved ability to detect inconsistencies in import files
- Help Command Search – improved search response and display
- Filter Selection now functions on current selection set in addition to the entire drawing
- import KMZ/KML - added option to select CRDB file format
- Points - Point Selection – changed point selection to Icons for various point selection dialog boxes.
- Densify Polyline – adds points to arc segments
- Reduce Polyline - combines arcs of the same radius and center
- Block Data Report – improved reporting of constant attributes, Carlson points and more display control
- Cloud based network licensing added as an option (in progress)
- Added an Erase Network from Edit->Erase Menu

### **SURVEY**

- Added Path Selection Automation in ASCII TXT import
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- Processing GSAL records for RW5 GPS processing now supports SurvCE/PC versioning
  - Edit-Process Raw - Scale Values routine now updates the UN (distance unit) value if explicit destination distance unit is specified by the user
  - Edit-Process Raw - Added New/Existing file selection to Edit Process Raw
  - Best fit line LSQ - added line printout
  - Draw Legend - improved handling text in the entity contents
  - SurvNET now handles tilt sensor in GNSS surveys
  - Improved the creation of Point Groups by Prefix/Suffix
  - Added "Point Notes" toggle to the "Inverse Options" dialog
  - Cutsheet - Added "strip trailing zero decimals" option for offsets
  - Import Leica DBX – improved ability to import points and measurements along with attributes
  - Enter Deed Description – now recalls last entry after Undo
  - Interval Along Entity now supports 3D distances
  - Improvements adding more flexibility using Offset Points by Interval
  - Carlson Cloud - Job Share – now supports CRD, CRDB, CGC, MDB, ZAK
  - Carlson Cloud - Added option to play an audio alert upon receiving incoming messages
  - **Field to Finish**
    - New setting implemented in F2F that will automatically download missing symbols from the Carlson community.
    - Pipe Feature
      - Added the Manhole Name in the Description Sequence and GIS Attributes
      - Improved Sewer Network Settings
      - Added Manhole name as a record
      - added the ability to set the structure name from the point description
    - DGN Mode: Added ability to open the Line Style Manager and select a line type from the current drawing, an RSC, .lin or dgnlib file
    - Improved performance of drawing points in Field to Finish and Draw-Locate Points
    - Improved interface of Select Attribute dialog box
  - **Legal Description Writer**
    - Added Preview functionality to dialog so user can preview their edits to the legal description before committing
    - New header and footer files can be created now as well as choosing existing ones.
    - Header and footer text can be directly entered into the field if the user chooses not to use a file for the header/footer.

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## **SURVEY/CIVIL**

- Centerlines - Allowed the selection of a Circle for conversion to Centerline (cl)
- Centerlines - Graphic improvements for centerlines with highlighting of tangents, arcs and spirals
- Centerline – Edit Centerline dialog box is now resizable
- Draw Profile - Improved the Tile Layout in Draw Profile
- Added Draw Centerline from within ParkingNet and LotNet.
- Annotate - Improved interface of Angle display in settings
- Area – Improved interface of area defaults
- Draw Profile - Added layer and text scale settings and added more control over invert In/Out labels with identical elevations
- Line and Curve Tables – Added ability to specify unique symbols for line and curves
- Line and Curve Tables - better process of starting new tables
- Draw Grid – added additional options for placement of grid coordinate annotations
- General Settings – Added the ability to manual select annotation scales to support with option for All scales