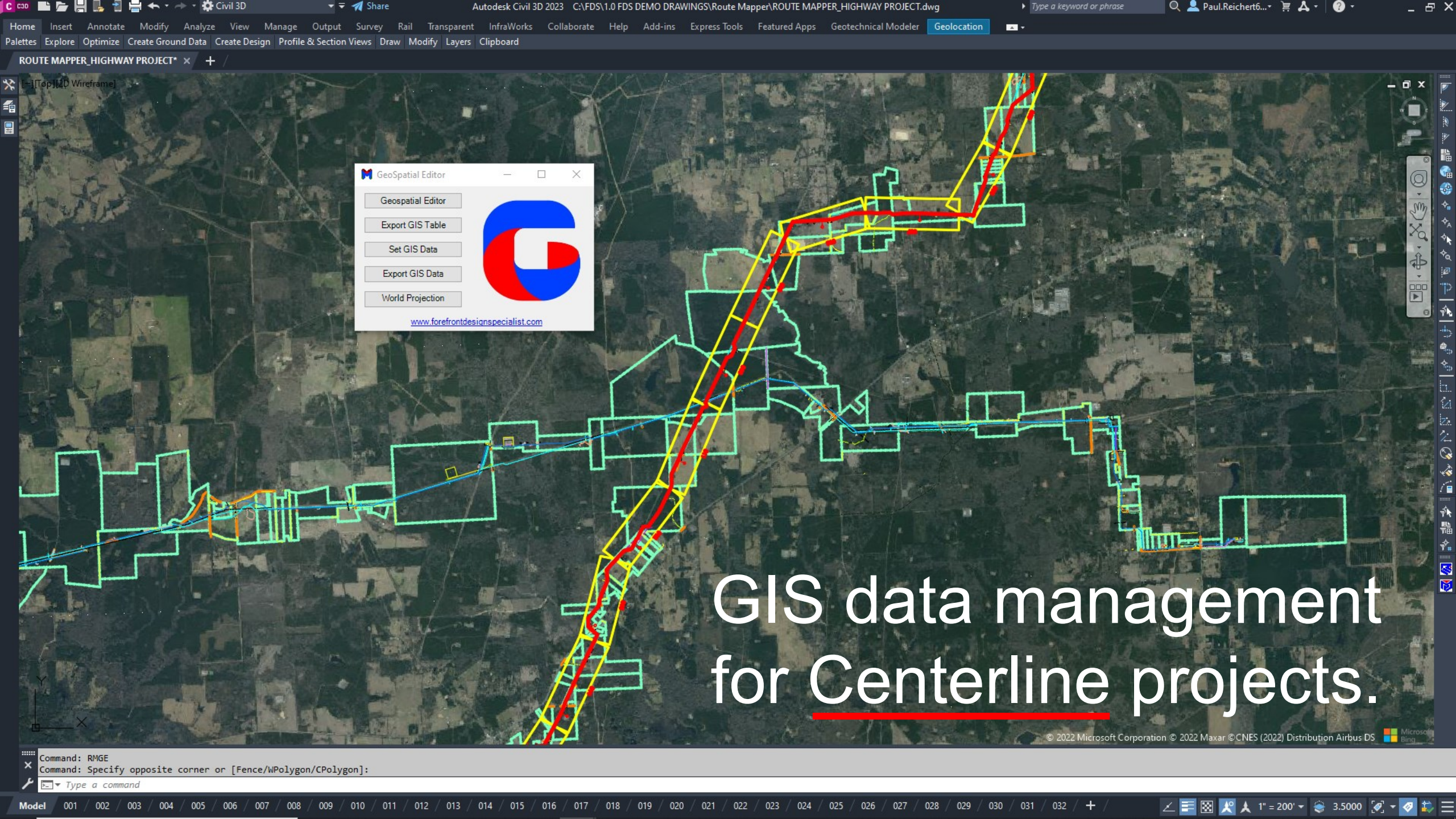
Installation Guide

GEOSPATIAL EDITOR

Innovative GIS Data Management Software


Civil 3D
Share
Autodesk Civil 3D 2023 C:\FDS\1.0 FDS DEMO DRAWINGS\Route Mapper\ROUTE MAPPER_HIGHWAY PROJECT.dwg
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Paul.Reichert6...
Home Insert Annotate Modify Analyze View Manage Output Survey Rail Transparent InfraWorks Collaborate Help Add-ins Express Tools Featured Apps Geotechnical Modeler Geolocation
Palettes Explore Optimize Create Ground Data Create Design Profile & Section Views Draw Modify Layers Clipboard
ROUTE MAPPER_HIGHWAY PROJECT*
[-][Top][2D Wireframe]
GeoSpatial Editor
Geospatial Editor
Export GIS Table
Set GIS Data
Export GIS Data
World Projection
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GIS data management
for Centerline projects.
© 2022 Microsoft Corporation © 2022 Maxar ©CNES (2022) Distribution Airbus DS
Command: RMGE
Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:
Type a command
Model
1" = 200'
3.5000

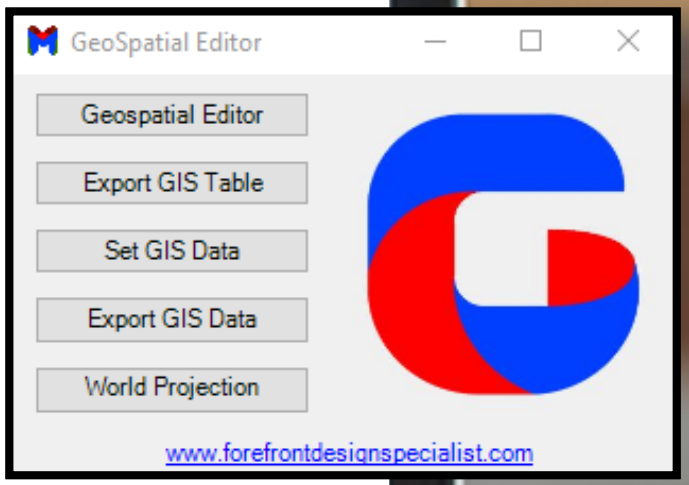
GEOSPATIAL EDITOR

Strategic GIS Data Management for Centerline Projects

Geospatial Editor lets you globally capture, analyze, and edit GIS data quickly from your centerline selection. Quickly strategically import and edit GIS data globally, record and analyze GIS data variances, find duplicate data, eliminate bad data, identify GIS data not tagged, identify data with no GIS data, and quality check GIS data with zoom tools. You can automate one call reports, get instant right-of-way acquisition totals with parcel id control, faster GIS exchange, and quicker GIS data management.

Software Overview:

1. Simpler global GIS data management for centerline solutions.
2. Edit and manage GIS data globally with geospatial reports.
3. Quality check GIS data globally with zoom tools.
4. Auto-attach GIS data globally to any layer and all objects.
5. Auto-attach GIS data to attribute block.
6. Auto-create GIS data from a CSV.
7. Set attribute labels from GIS data.
8. Export GIS data to CSV, SHP, KML & others.
9. Set coordinate system.



SUPPORTS v2014-v2050

AUTODESK

Microsoft 365

Ready to install FDS Geospatial Editor Software?

read first 1. Software Setup Options

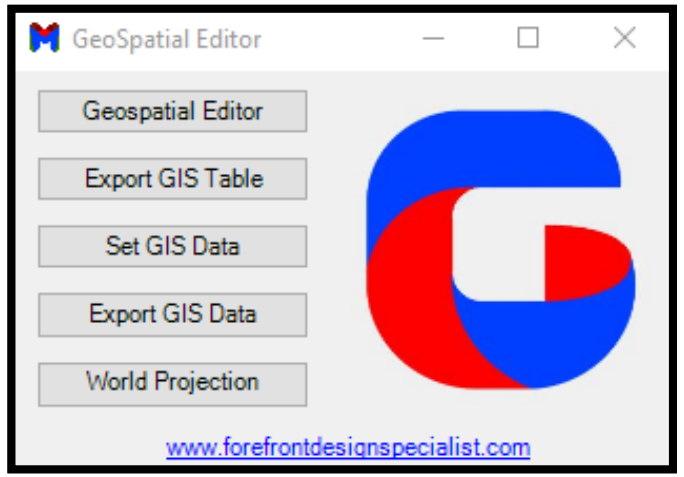
read more 2. 15 Day Software Trail

read more 3. Purchase Subscription Software License

read more 4. Renewal Subscription Software License

FDS GE - Software Setup Options

The Geospatial Editor Software is a standalone .NET software that supports Autodesk C3D-Map products and Microsoft Excel for geospatial reports.



Which setup option would you like to load the Geospatial Editor software?

- Option 1: Run the Geospatial Editor software for fourteen days to review the best GIS data management tool for the global CAD and GIS industry.
- Option 2: Purchase the Geospatial Editor software from Forefront Design Specialist.
    - Contact: FDS@forefrontdesignspecialist.com

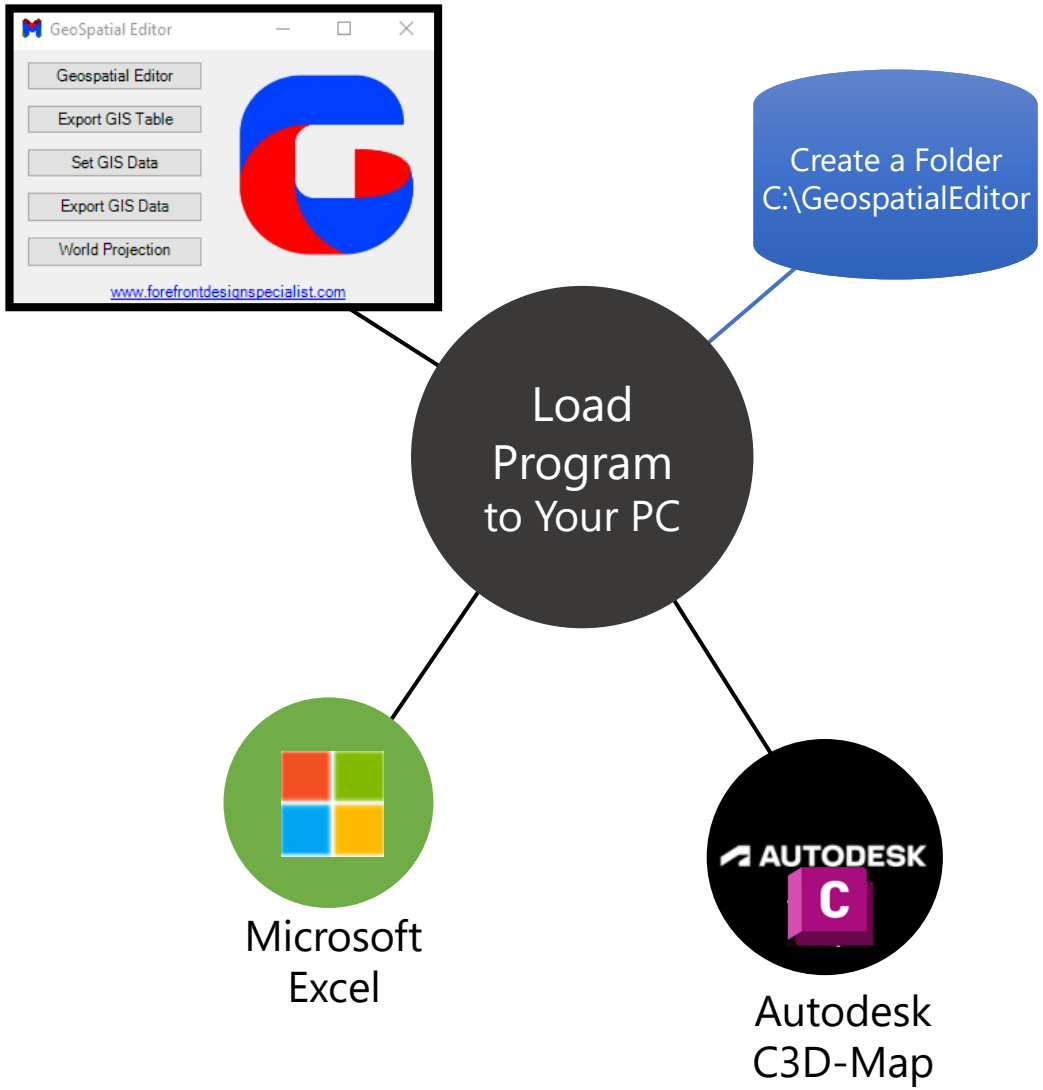
Questions?

1. How much does the SSL-subscription software license cost after the software purchase? The SSL-subscription software license dues costs 10% annually of software cost for continuous use. With the purchase of the software, all software upgrades are free, and you get access to FDS eLearning website for free software training support.
2. How long did you purchase your Geospatial Editor subscription software license for? Was it for one year or three to five years?

FDS GE – Trial Software Installation

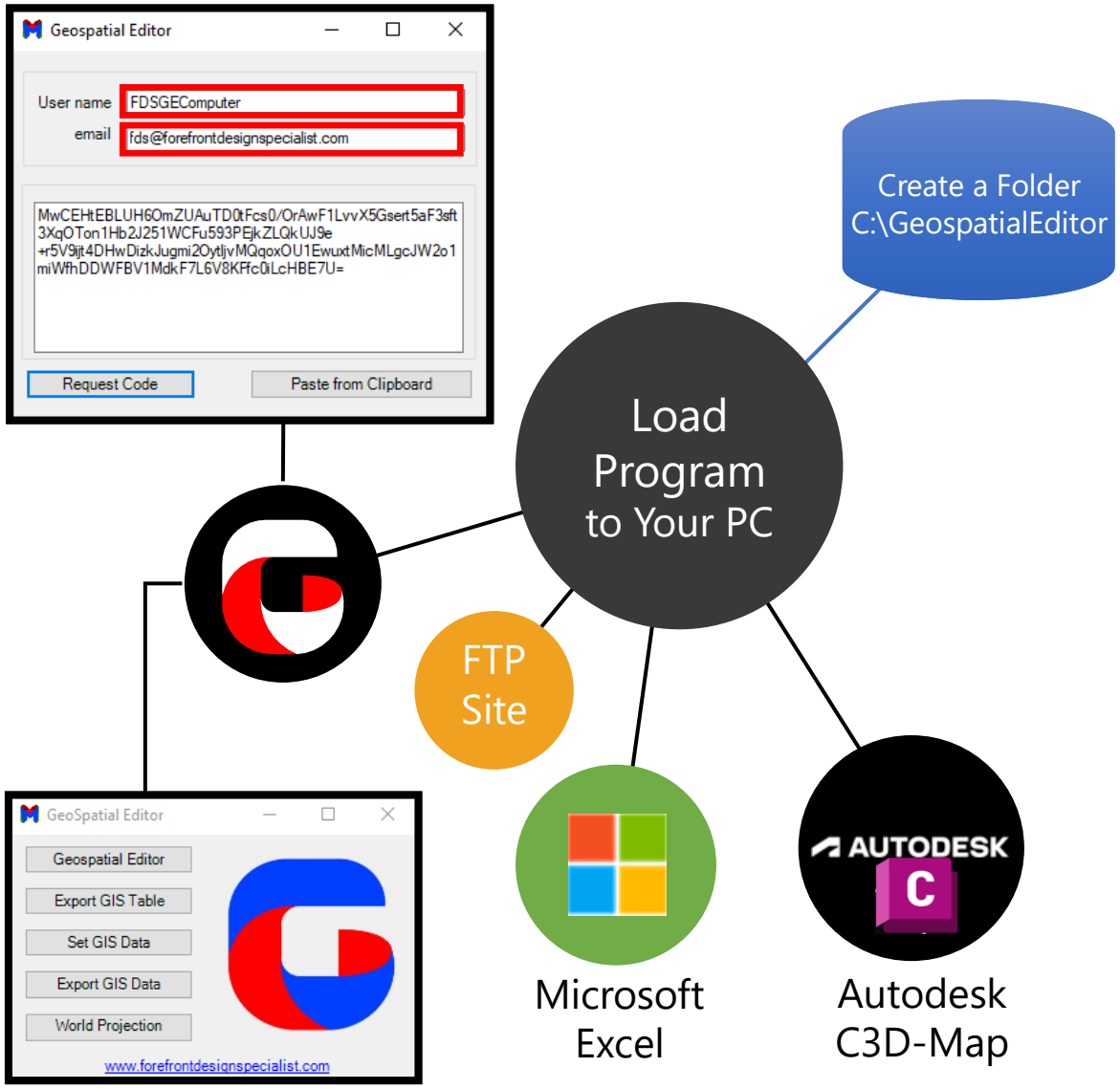
How to Activate the Geospatial Editor Software License?

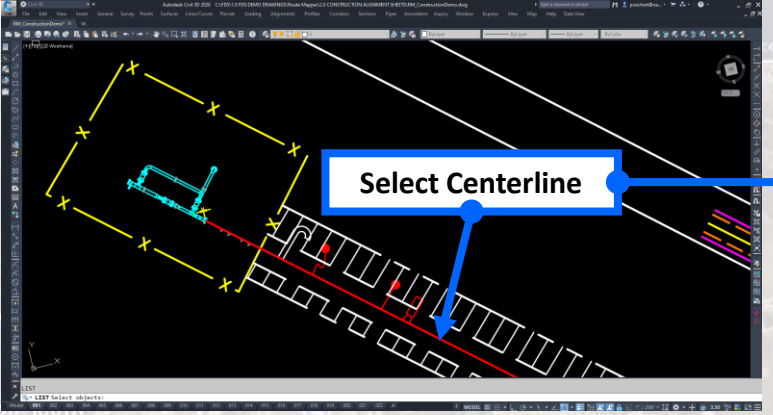
1. Install the GeoSpatialEditor.exe software to your C:\drive or to your Autodesk folder: C:\Users\ADD NAME\AppData\Roaming\Autodesk\ApplicationPlugins
2. If you loaded the software on your C drive then you are good to go. If you loaded the software in your Autodesk folder, please create a folder on your C drive called: C:\GeoSpatialEditor. This folder will also be utilized for your geospatial reports.
3. Open Autodesk C3D and at command prompt type “netload” and go to the directory where you installed FDS GE and select the file: GeoSpatialEditor.dll. (load/yes)
4. In Autodesk, at command prompt, type “RMGE” to activate the Geospatial Editor software. You can trial the software nine times and within fourteen days.
5. Register at FDS for access to FDS eLearning web training. FDS@ForefrontDesignSpecialist.com FDS will email you the hyperlink and password.
6. To deactivate the FDS GE software, type in Autodesk: rmgedeactivatelicense.

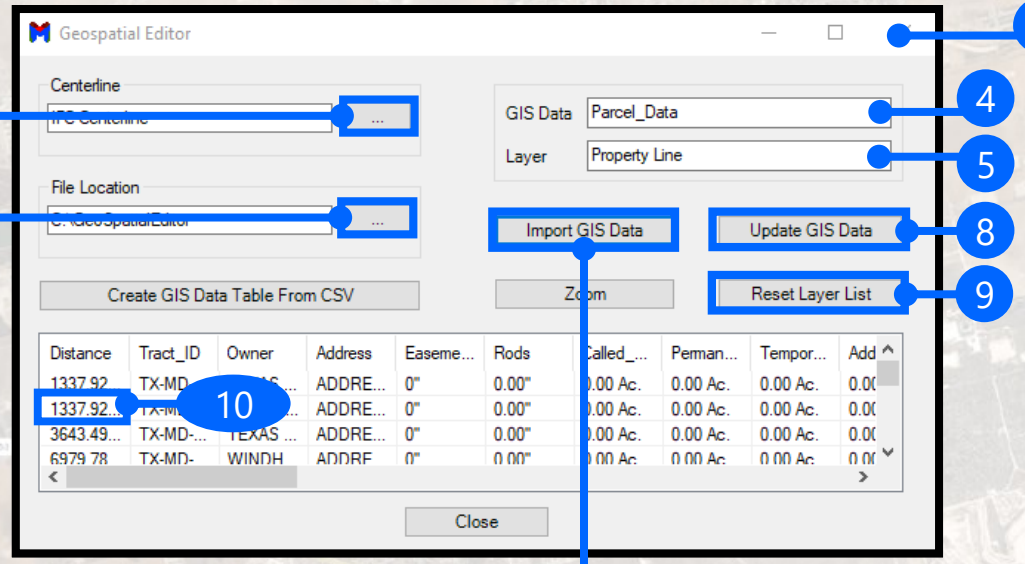


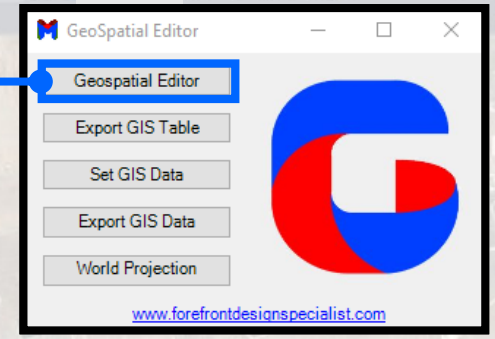
FDS GE - Subscription Software Installation

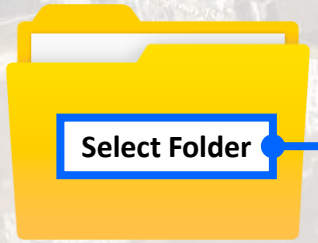
1. Install the GeoSpatialEditor.exe software to your C:\drive or to your Autodesk application plugins folder: C:\Users\ADD NAME\AppData\Roaming\Autodesk\ApplicationPlugins
2. If you loaded the software to your C drive then you are good to go. If you loaded the software in your Autodesk folder, please create a folder on your C drive called: C:\GeoSpatialEditor. This folder will be utilized for organzing your geospatial reports.
3. Open Autodesk C3D and at command prompt type “netload” and go to the directory where you installed FDS GE and select the file: GeoSpatialEditor.dll. (load/yes)
4. In Autodesk, at command prompt, type “RMGE” to activate the Geospatial Editor software.
5. Create a User Name with maximum (10-characters), type your Email, select the Request Code button. From your selection, a text file is generated and placed in your C:\GeoSpatialEditor Request Key.txt. Now email the TXT file to FDS to activate your software license. FDS@ForefrontDesignSpecialist.com
6. FDS will email you a Text file called: “gseDotNetLicense.txt”. Place the TXT file in the C:\GeoSpatialEditor or where you loaded the program. Your license is good for a year or what you paid for.
7. To deactivate the FDS RM software, type in Autodesk: rmgedeactivatelicense.







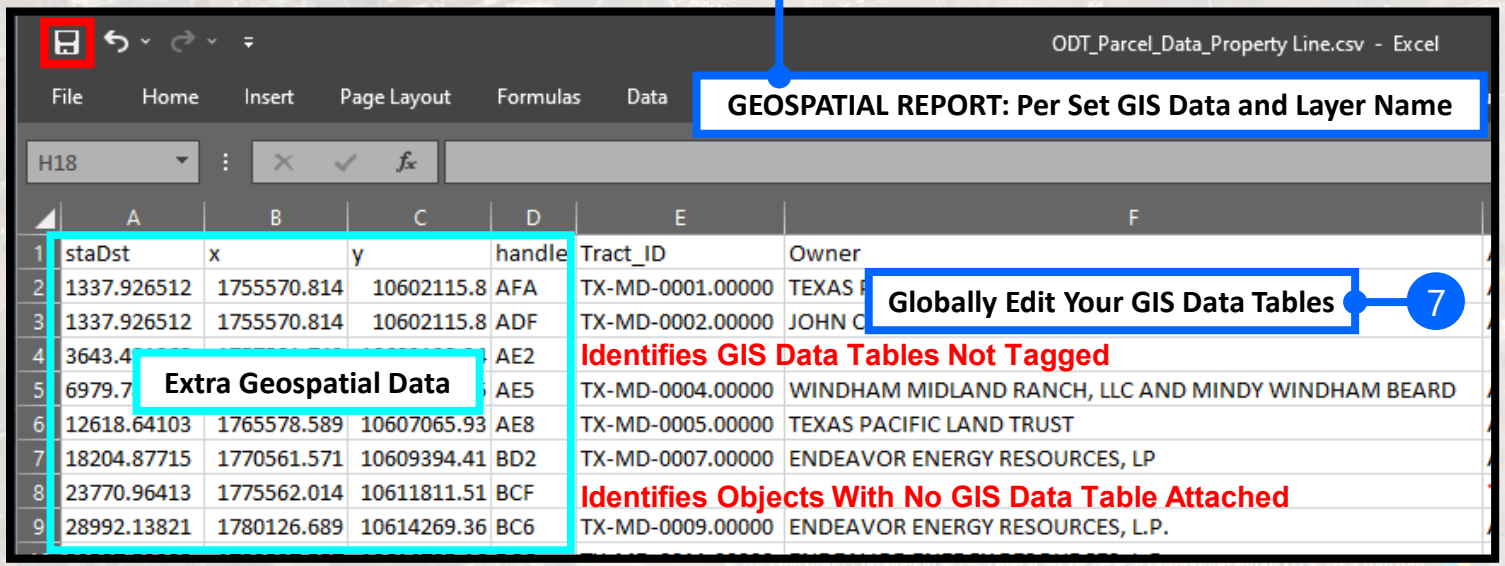


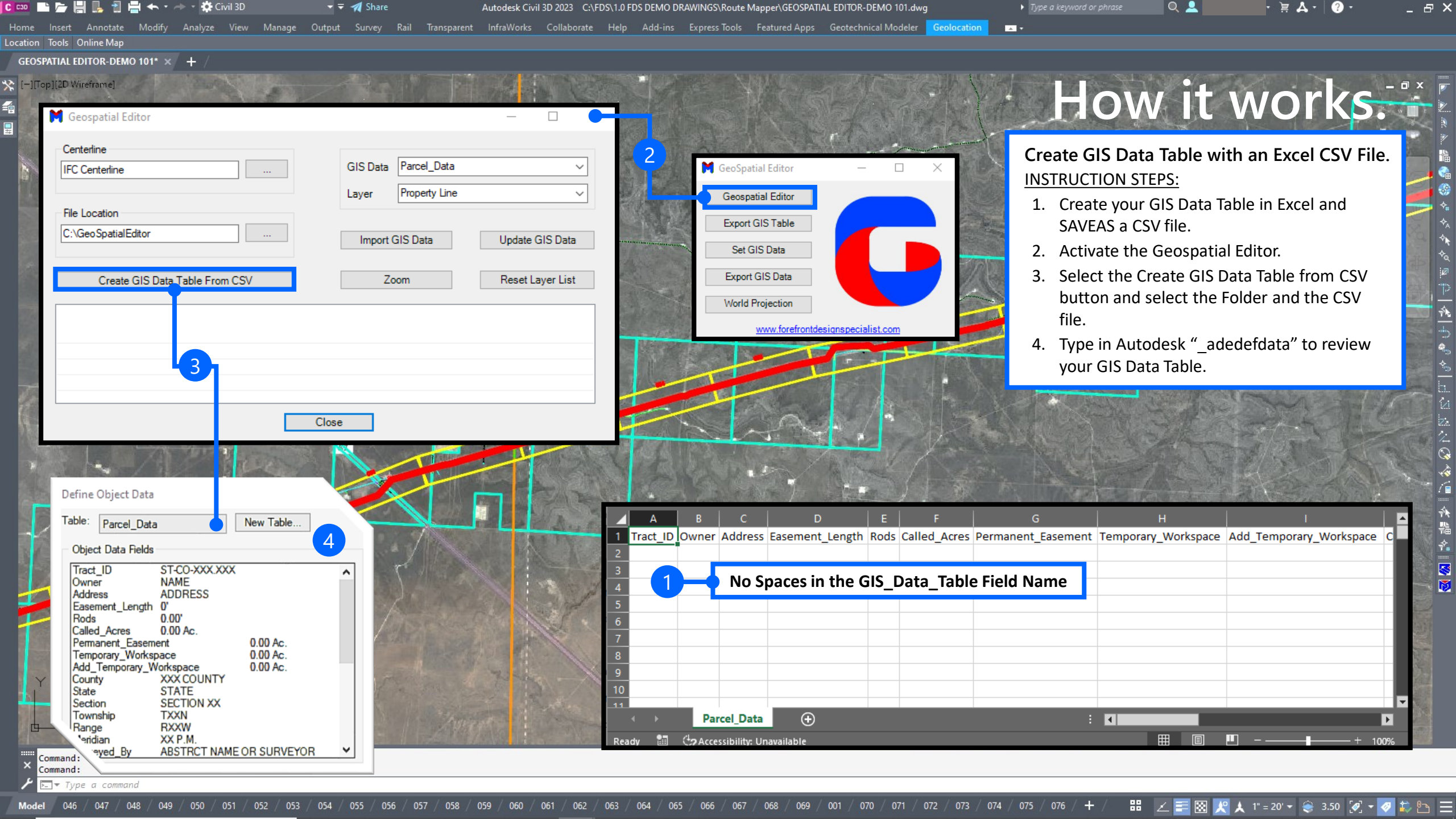


How it works.

INSTRUCTION STEPS:

1. Select the Geospatial Editor button.
2. Select the File Location.
3. Select the Centerline.
4. Select the GIS Data Table.
5. Select the Layer Name.
6. Select the Import GIS Data button.
7. Globally edit your GIS Data Tables in the Geospatial Report and select SAVE in the Excel file when your done.
8. Select the Update GIS Data button.
9. To Import “NEW” GIS Data, select the Reset Layer List button, then go through steps #4-8 again. If it’s a different centerline, then go through steps #3-8 again.
10. Double Click the Distance in the Form to Zoom to that object in modelspace and it is also highlighted. When you do this, your selection is also highlighted red in the geospatial report.




How it works.
Create GIS Data Table with an Excel CSV File.
INSTRUCTION STEPS:
1. Create your GIS Data Table in Excel and SAVEAS a CSV file.
2. Activate the Geospatial Editor.
3. Select the Create GIS Data Table from CSV button and select the Folder and the CSV file.
4. Type in Autodesk "_adedefdata" to review your GIS Data Table.
Geospatial Editor
Centerline
IFC Centerline
File Location
C:\GeoSpatialEditor
GIS Data
Parcel_Data
Layer
Property Line
Import GIS Data
Update GIS Data
Create GIS Data Table From CSV
Zoom
Reset Layer List
Close
GeoSpatial Editor
Geospatial Editor
Export GIS Table
Set GIS Data
Export GIS Data
World Projection
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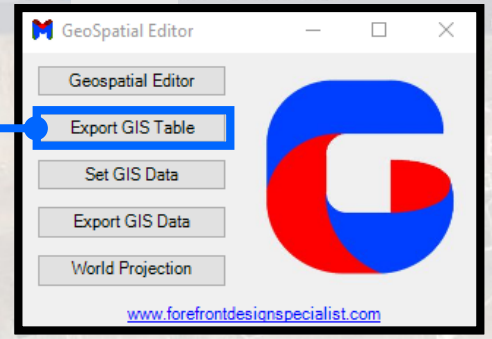
Define Object Data
Table:
Parcel_Data
New Table...
Object Data Fields
Tract_ID ST-CO-XXX.XXX
Owner NAME
Address ADDRESS
Easement_Length 0'
Rods 0.00'
Called_Acres 0.00 Ac.
Permanent_Easement 0.00 Ac.
Temporary_Workspace 0.00 Ac.
Add_Temporary_Workspace 0.00 Ac.
County XXX COUNTY
State STATE
Section SECTION XX
Township TXXN
Range RXXW
Meridian XX P.M.
Surveyed_By ABSTRCT NAME OR SURVEYOR
Tract_ID Owner Address Easement_Length Rods Called_Acres Permanent_Easement Temporary_Workspace Add_Temporary_Workspace
No Spaces in the GIS_Data_Table Field Name
Parcel_Data
Ready
Accessibility: Unavailable
100%

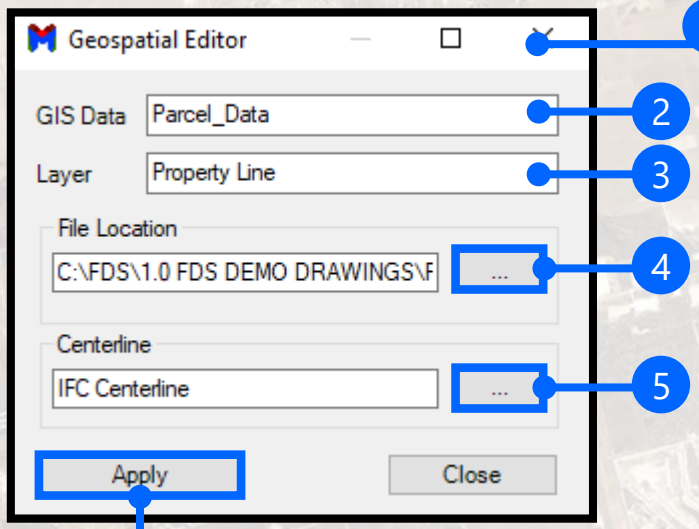
How it works.

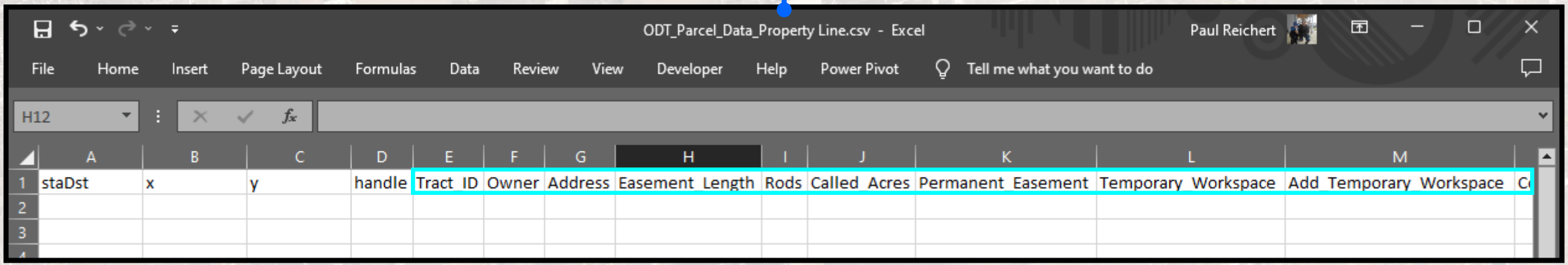
Export a GIS Data Table Out into a Excel CSV File.

INSTRUCTION STEPS:

1. Select the Export GIS Table button.
2. Set the GIS Data Table.
3. Set the Layer Name.
4. Set the Folder Location.
5. Select the Centerline.
6. Select the Apply button.







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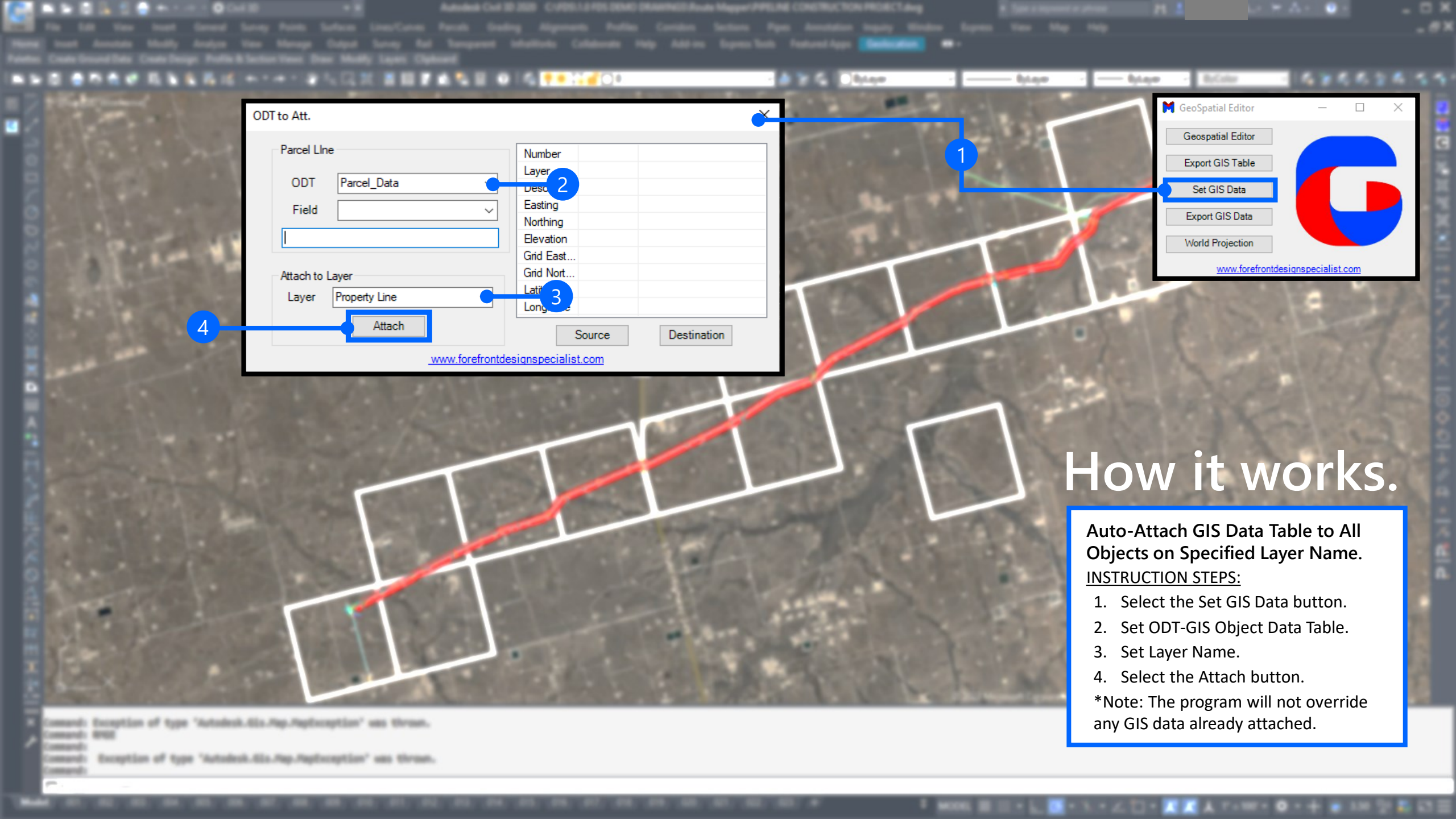
2													
3													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Field
Attach to Layer
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Property Line
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Elevation
Grid East...
Grid Nort...
Source
Destination
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Geospatial Editor
Export GIS Table
Set GIS Data
Export GIS Data
World Projection
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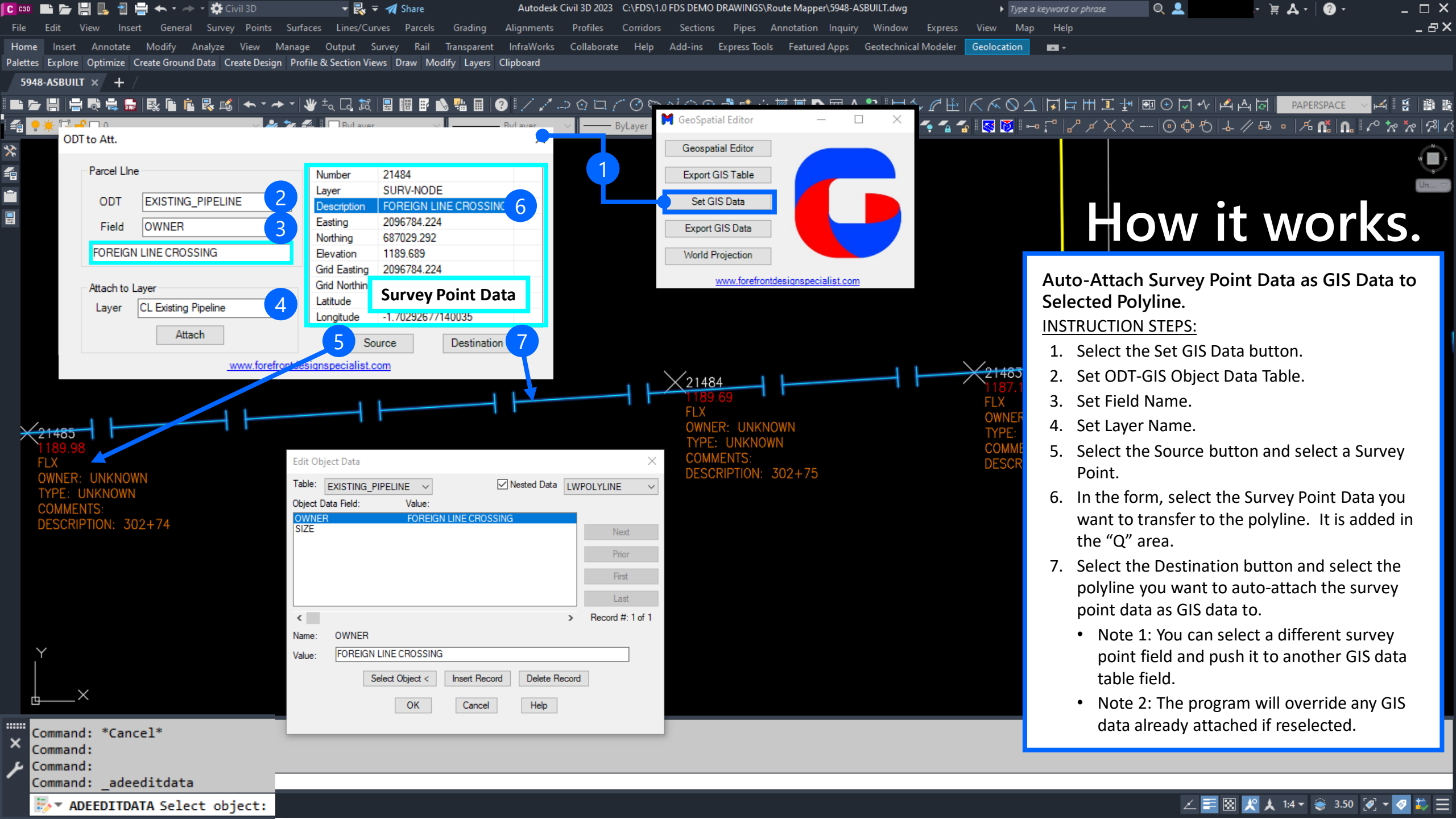
1
2
3
4
How it works.
Auto-Attach GIS Data Table to All Objects on Specified Layer Name.
INSTRUCTION STEPS:
1. Select the Set GIS Data button.
2. Set ODT-GIS Object Data Table.
3. Set Layer Name.
4. Select the Attach button.
*Note: The program will not override any GIS data already attached.



How it works.

Auto-Attach Survey Point Data as GIS Data to Selected Polyline.

INSTRUCTION STEPS:

1. Select the Set GIS Data button.
2. Set ODT-GIS Object Data Table.
3. Set Field Name.
4. Set Layer Name.
5. Select the Source button and select a Survey Point.
6. In the form, select the Survey Point Data you want to transfer to the polyline. It is added in the "Q" area.
7. Select the Destination button and select the polyline you want to auto-attach the survey point data as GIS data to.
   - Note 1: You can select a different survey point field and push it to another GIS data table field.
   - Note 2: The program will override any GIS data already attached if reselected.

FDS GE Support Page

webpage	FDS Geospatial Editor
products	FDS M Software's
eLearning	Purchase Access to eLearning training
training	Purchase FDS M software training
free	Free CAD Class. Learn senior designer skills

Thank you for supporting
Forefront Design Specialist

GEOSPATIAL EDITOR

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software

#1 GIS data management software