SurvCE – Importing LandXML Surface to TIN File

Overview

The process for importing InRoads surfaces to the SurvCE application uses a LandXML file.

Workflow

Create the LandXML surface file and copy it to a folder on the collector. Then, import the surface into a SurvCE Triangulated Irregular Network (*.TIN) file.

Create a LandXML File

See the InRoads - Surface to LandXML File tech note.

Copy the LandXML File to Collector

Use **Active Sync** to transfer the LandXML file to a folder on the collector.

Import the DTM from LandXML File

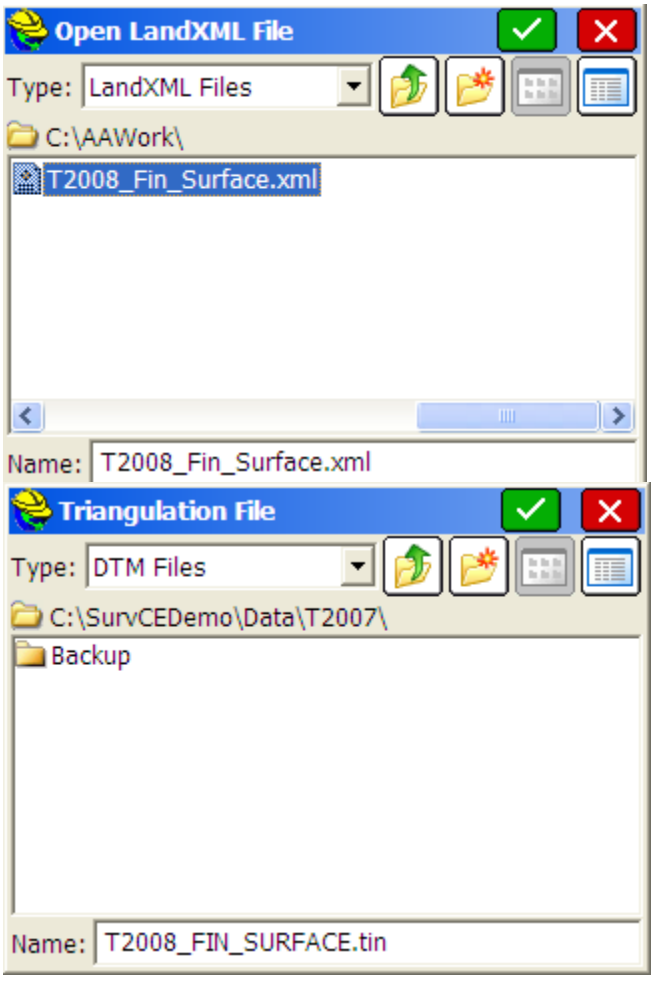
1. In the data collector's SurvCE application, select the **Map** view.
2. Select the *File > DTM Import > DTM from LandXML* command.

   The Open LandXML dialog opens.
3. Browse to appropriate folder and select the LandXML file.
4. Click the **Green Check** at top of screen.

   The Import Surface from LandXML dialog opens.
5. Click **Select New DTM File**.

   The Triangulation File dialog opens.
6. Browse to the folder to store the Triangulation file.
7. Key in a name or accept the default name.
8. Click the **Green Check** at top of screen.

   The Import Surface from LandXML dialog opens.
9. Click the **Green Check** at top of screen.

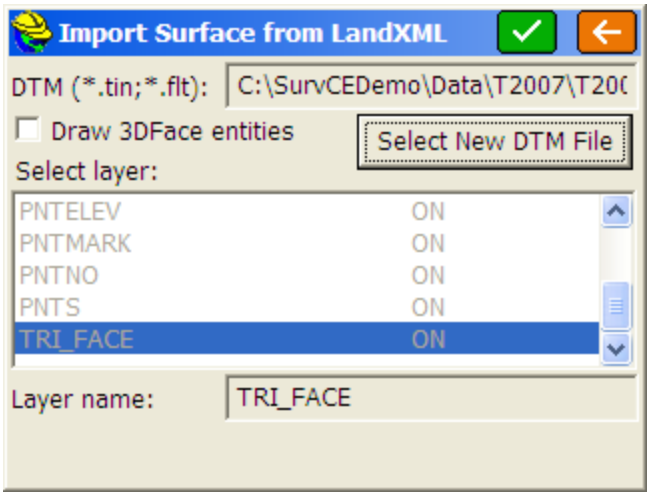


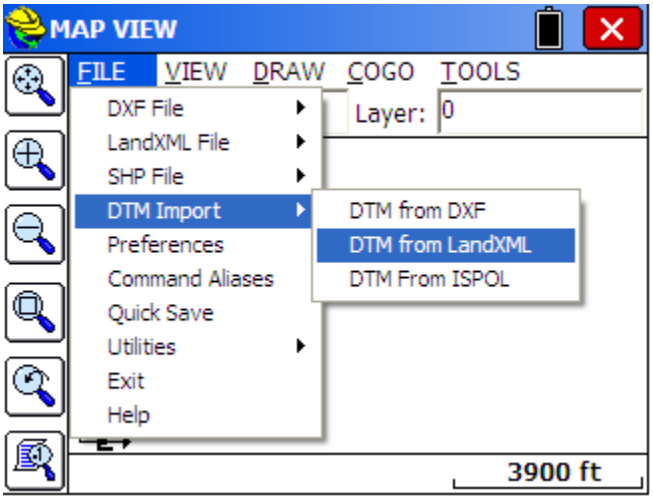
The Select LandXML Surface dialog opens.

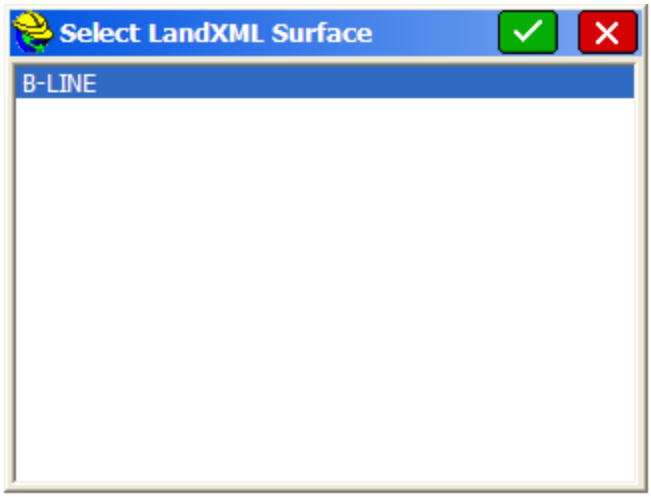
10. Select the surface to import.
11. Click the **Green Check** at top of screen.

    The surface is imported into the TIN File and the Import Surface from LandXML dialog opens.

12. Click the **Orange Back Arrow** at top of screen to return to Map View or click the Select New DTM File to import other LandXML surfaces.







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contact your regional CAE Support Coordinator or the WSDOT CAE Help Desk at (360) 709-**8013**.