Exporting Data using LandXML

- **What is LandXML?**

  LandXML is an ASCII data exchange format based on XML (extensive markup language).

  LandXML is a way of specifying civil engineering and surveying data.

  LandXML is a specification, a format.

  Most XML can be easily interpreted and read by people and computers.
Exporting Data using LandXML

- HTML = “I know how it looks”. Web pages.

- XML = “I know what it means, and your software will tell me how it should look”. XML describes how the data is organized.
Exporting Data using LandXML

- Who supports LandXML?

  Endorsed by more than 180 land development and transportation industry professionals from 86+ organizations.

  Bentley, Autodesk, Eagle Point, Leica, Topcon, Carlson Software, Trimble, …

Exporting Data using LandXML

- Uses of LandXML
  - Customized Reports. Templates. User creates them.
  - Data Exchange. Software provides the format.
Exporting Data using LandXML

• Typical Scenarios

✓ FDOT Project Done in Geopak...City/County requestes information in Autocad format.

✓ FDOT Project done in Geopak...Surveyor needs geometry information in ASCII format.

✓ FDOT Project done in Geopak...Site Development Division of your company needs geometry in Inroads.

LandXML to the rescue !!!
Exporting Data using LandXML

- Geopak can Export/Import
  - Geometry points
  - Chains
  - Profiles
  - DTM (dat files)
Exporting Data using LandXML

- Geopak DTM
Exporting Data using LandXML

- Geopak Export DTM
Exporting Data using LandXML

- Geopak Import DTM
Exporting Data using LandXML

- Geopak XML file
Exporting Data using LandXML

- Geopak Geometry
Exporting Data using LandXML

- Geopak Geometry (all chains)
Exporting Data using LandXML

- Geopak Geometry (single chains)
Exporting Data using LandXML

- Geopak Geometry XML