



ArcGIS Pro SDK for .NET

Utilizing GPS Devices in the API

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Session Overview

- GPS Support added at 2.7
- Ability to
 - Connect to location devices
 - Customize environment settings
 - Enable the device in the active map
 - Customize display and map navigation options
 - Collect field data
- Only NMEA enabled GNSS devices supported; connect via Bluetooth or USB

API classes

- **Two static classes**

- **ArcGIS.Desktop.Core.DeviceLocation.DeviceLocationService**
 - Manage the device location source (Open, Close, Update properties)
 - Manage environment settings (accuracy threshold)
- **ArcGIS.Desktop.Mapping.DeviceLocation.MapDeviceLocationService**
 - Manage enabled state of device
 - Manage map navigation options

- **Events**

- **ArcGIS.Desktop.Core.DeviceLocation.Events**
 - **DeviceLocationSourceChangedEvent** - Device location changes
 - **SnapshotChangedEvent** - Track data

Demo



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- Session content
 - Slides and Example code:
 - <https://github.com/esri/arcgis-pro-sdk/wiki/tech-sessions>





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