Understanding the Role of Standards Development Organizations (SDOs) and Standards in GIS

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ArcGIS is Open and Interoperable

Open Specifications
- Open APIs
- Open Standards
- Open Data
- Open Community
- Open Source
ArcGIS: Open Platform for Innovation

Open Standards and Formats
- IFC
- OpenNDAP
- LERC
- JSON
- REST
- WaterML
- NetCDF
- ISO
- LAS
- OneGeology
- Geopackages
- Shapefile
- CSW
- CityGML

Open Data Access
- OpenAPIs & SDKs
- Extensible Architecture
- Embeddable Components

Open-Source Contributions (300+)

Open-Source Integration

Product Integration
- MS Office
- Netezza
- AWS
- SAP HANA
- IBM Cognos
- Oracle
- SQL Server
- Adobe Creative Cloud
- Azure
- AutoCAD
- Teradata

Open Software
What is the OGC SensorThing API?

- Next generation of OGC IoT specification
- Updates OGC Sensor Web (SWE) standards
- Driven by IoT technical developments since SWE specs were developed
- Scales
- Simple
Presentation and Demo by Steve Liang, PhD (Sensor Up Founder and Chair of OGC SensorThing API Standards Committee)

• Demo