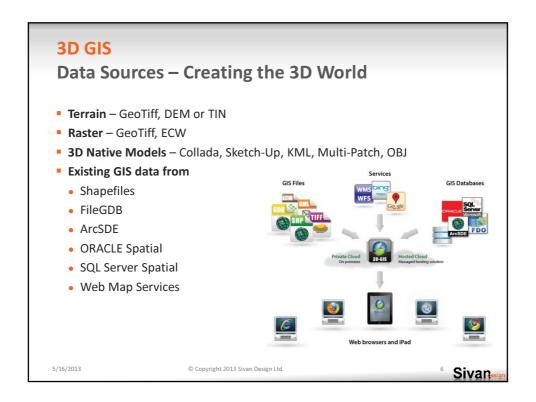
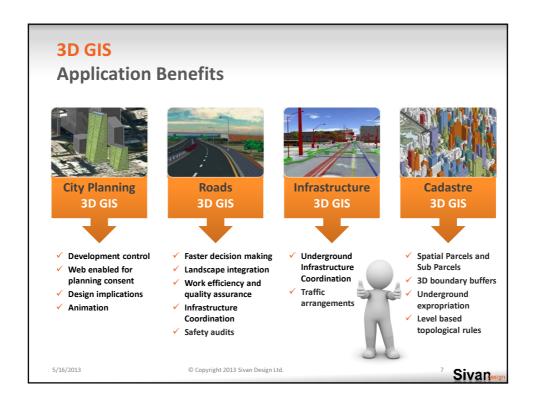


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# 3D GIS Key Features Convert data/projects from 2D to 3D in few steps Purely web application (3D GIS Studio, and 3D GIS Explorer) with no installation Cloud computing approach Viewing, Analyzing and Exploring in 3D 3D Features Support for the most common data formats and Geo-Spatial protocol Available for iPad and mobile devices

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### **Roads 3D GIS**

# **Main Advantages**

- Decision Making Process
  - Detailed 3D model of the designated road
  - Real-time information per spatial object (land owner, zoning, etc.)
  - Birds eye view clearer for the non-technical
- Landscape integration
  - Nature environmental costs
  - Querying land culture
- Infrastructure Coordination
  - Road affect on existing infrastructure
  - Maintaining infrastructure safety buffers
- Safety Audits
  - Line-of-sight and visibility region checks
- Work efficiency
  - Automated quality assurance tests
  - Reducing possible human errors

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### **Infrastructure 3D GIS**

# **Main Advantages**

- Underground Infrastructure Coordination
  - Avoiding breakdown maintenance
  - Efficient preventive maintenance
  - Collision free planning
- Design
  - 3D Layers inspection
  - Slopes and minimum distances



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### **Cadastre 3D GIS**

# **Main Advantages**

- Upper and Underground Cadastre
  - Spatial lot, parcel, and sub-parcel
  - Displacement distances
  - Spatial registration plan
- 3D boundary buffers of spatial lots, parcels, and sub-parcels
- Underground expropriation of spatial lots
- Level based topological rules as a result of subterranean space changes



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