ArcGIS Server 9.2

ArcGIS Server

- Desktop
- Web
- Mobile
- Open APIs

Mapping
3D Visualization
Geoprocessing
Data Management

OGC
KML
SOAP
SQL
ArcGIS Server Is a Comprehensive Server-based GIS

**Supporting GIS Analysts and Developers**

- Rich application clients
- Out-of-the-box GIS services
- Easy to install & manage
- Scalable
- High performance
- Interoperable
- Affordable

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**Empowering the Non-GIS Professional**

- **Desktop**
- **Web**
- **Mobile**
- **Open APIs**

Applications

ArcGIS Server

Mapping
3D Visualization
Geoprocessing
Data Management

Services

**... Enabling Enterprise GIS**
ArcGIS Server 9.2: Data Management

• **Organization and management of spatial information**
  - Persistence
  - Access
  - Replication
  - Versioning
  - Check in/out

• **Supporting geodatabases**
  - Workgroups
  - Enterprises

Geodatabase: Object-relational information model responsible for managing all geographic data types and their associative rules and behaviors.
Visualization

• Serve 2D Maps and 3D Globes
  – Dynamic and cached
  – Web service interfaces
  – Standards compliant
    • WMS, KML/KMZ, etc.

• Locators
  – Address finders
  – Place finders
Analysis and Geoprocessing

- Vector, raster, 3D, and network analytics
- Models, scripts, and tools
- Desktop authoring
- Synchronous processing
- Publish models as Web services
- Functionality exposed as “Tasks”
ArcGIS Server Manager

A Web-based Console for Managing Your Servers

- Serving and publishing content via services
- Creating Web applications
- Managing your GIS server
- Access Help
- Complements ArcCatalog
Support a Wide Range of Clients

- ArcGIS Desktop
- ArcGIS Explorer
- Web mapping (browser)
- Mobile technology

- Supported by Web services:
  - Data Management
  - Visualization (2D & 3D)
  - Spatial Analysis
ArcGIS Web Mapping Application
A Browser-based GIS Application Included with ArcGIS Server

Supporting
- Mapping
- Editing
- Geoprocessing
- Routing
- Geocoding
- Data Management

Integrates
Multiple Service

... Easy Access to GIS

Web Map

AJAX

High Quality
Fast
Dynamic Navigation
Browser-based Editing

- Add, modify, and remove features
- Update attribute data
- Useful for focused applications

... Included with ArcGIS Server Advanced
ArcGIS Explorer

A Simple GeoBrowser for Working with Geographic Information

Integrates Multiple Service

Visualization

Mapping

Analysis Tasks

... Accesses Maps, Models, and Globe Services
ArcGIS Explorer

- An integrated part of the ArcGIS system
- 2D and 3D (Globe)
- Not just one globe, but many
  - Imagery, political, physical, streets, etc..
- Connect to multiple services
  - ArcGIS Server, ArcIMS, WMS, Any Web service
- Local content support
  - Shapefile, file geodatabase, KML, imagery
- Tasks
- Free to download, free for any use
Customize the Look and Feel of ArcGIS Explorer

- Expose custom tasks
- Create custom skins