

ArcIMS to ArcGIS Server Migration Strategies

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First, ArcIMS 9.4?

- Yes..but..
- Older application should continue to work
- Author, Administrator, Designer
- Web ADF
 - .NET
 - Java
 - Same as ArcGIS Server
 - Web Controls and Common API
 - Access to ArcGIS Server, ArcIMS, WMS
 - Same graphics capabilities
 - ArcIMS Website Manager

Migrating...

- Keep the ArcIMS application up and running
- Build new app using one of the SDK's available
 - .NET Web ADF
 - Java Web ADF
 - Javascript API
 - Flex API
 - Silverlight API – Beta
- Switch out the application

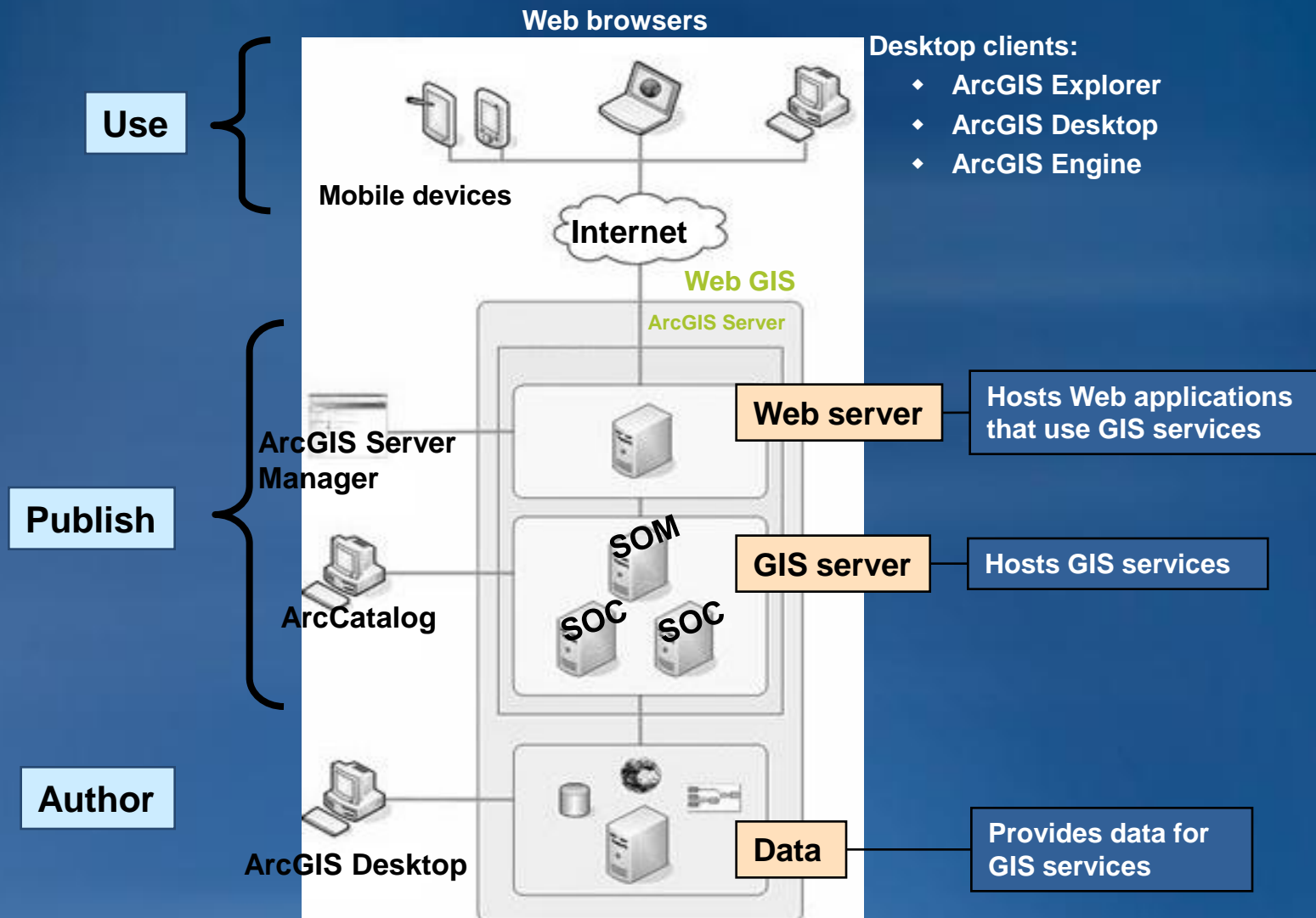
Why migrate?

- **Web 2.0**
 - better user interfaces
 - faster applications (yes, faster than ArcIMS)
 - SOA pattern
 - Easy integration with other clients – KML, WMS, WFS
 - Geoprocessing capabilities

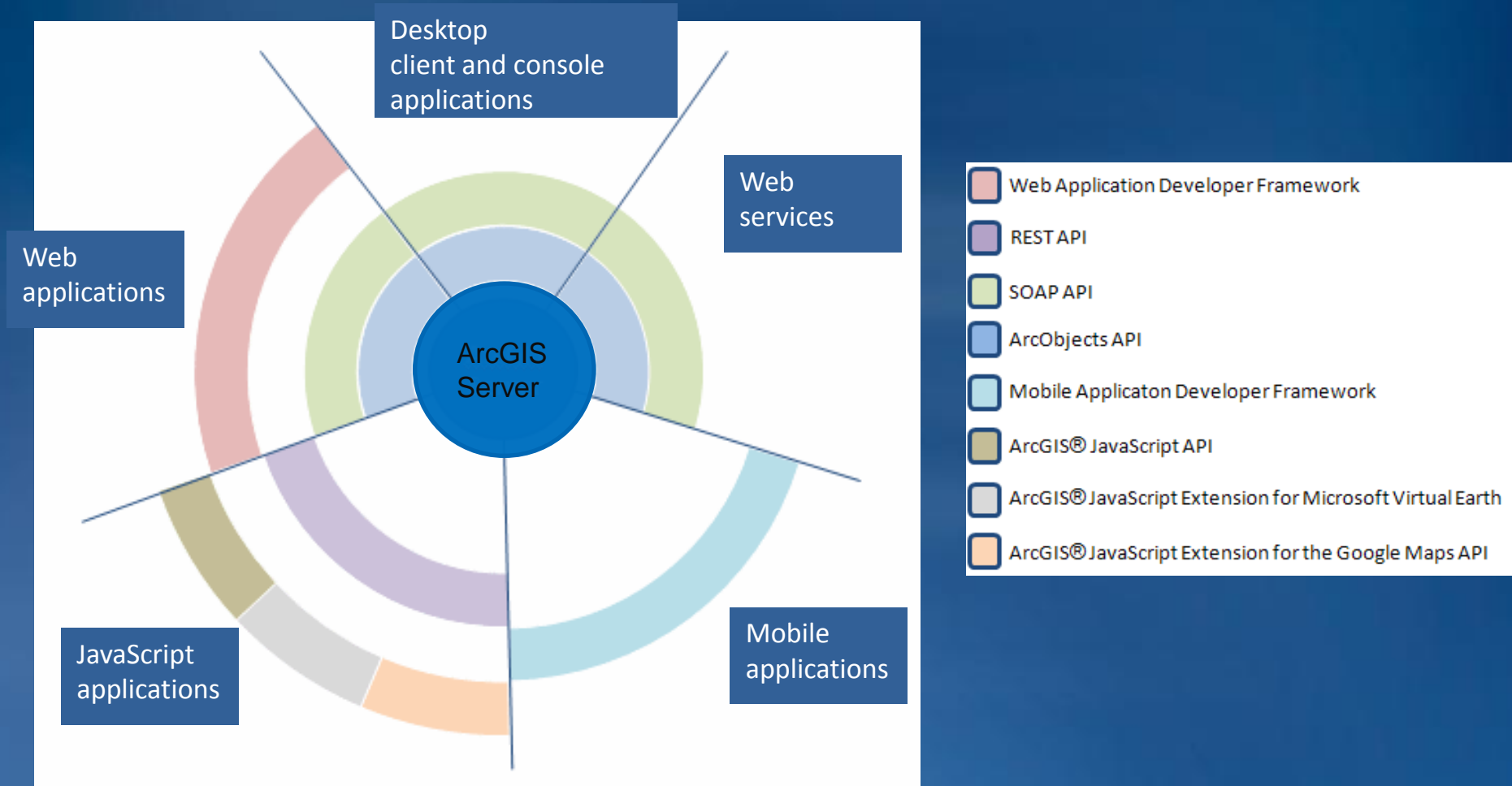
Migrating... Considerations..

- ArcIMS – axl or mxd ArcGIS Server – mxd
- Applications Web ADF or one of the SDK's
- ArcGIS Server leverages ArcObjects
- Architecture is similar

Overview of the ArcGIS Server system



Overview



Functionality Matrix

| | Basic | Standard | Advanced |
|---|-------|-----------|----------|
| Geodatabase management (ArcSDE) | ✓ | ✓ | ✓ |
| Geodatabase replication | ✓ | ✓ | ✓ |
| Mapping | | ✓ | ✓ |
| 3D services (Globe, KML) | | ✓ | ✓ |
| ArcView-level geoprocessing | | ✓ | ✓ |
| ArcInfo-level geoprocessing | | | ✓ |
| Web Application Development Framework (ADF) (.NET or Java) | | ✓ | ✓ |
| Mobile ADF (.NET) | | | ✓ |
| Enterprise JavaBeans (Java) | | | ✓ |
| Web-based editing | | | ✓ |
| Support for ArcGIS Server extensions | | ✓ (*only) | ✓ |

Training

- **Web Administration and Application Development**
 - Introduction to ArcGIS Server
 - ArcGIS Server: Web Administration Using the Microsoft .NET Framework
 - Developing Applications with ArcGIS Server Using the Java Platform
 - Developing Applications with ArcGIS Server Using the Microsoft .NET Framework

You may also be interested in:

- ArcGIS Server Setup and Administration
- Building Applications with ArcGIS Server Using the Microsoft .NET Framework
- Building Applications with ArcGIS Server Using the Java Platform
- Introduction to ArcGIS Online TS Introduction to the ArcGIS Mobile SDK

Thank You

- Questions?