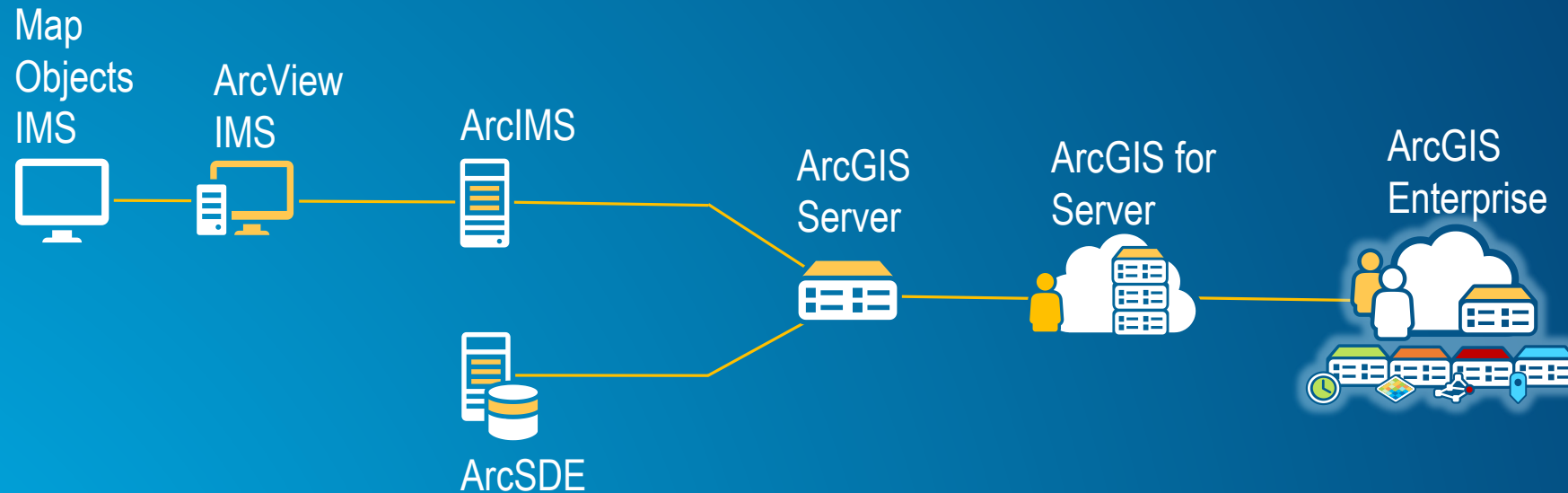




The 10.5 things you need to know about What's New in ArcGIS Enterprise

1

Starting at 10.5, ArcGIS Enterprise is the **new name** for the ArcGIS for Server product line.



That said, we are leaving the names of the products pre-10.5 exactly as they have always been.

2

ArcGIS Enterprise is comprised of **4 software components**.



ArcGIS
Server



Portal
for
ArcGIS



ArcGIS
Data
Store



ArcGIS
Web
Adaptor

All of these components existed in the software pre-10.5

2

These 4 components configured together create what is called the **base ArcGIS Enterprise deployment**.



The base ArcGIS Enterprise deployment is how you deploy Web GIS in your infrastructure.

2

A base ArcGIS Enterprise deployment can be configured:



With all
components
on a single
machine



With components
configured on different
machines in a multitier
configuration



With high availability

3

We are introducing **5 capability based server licensing roles** for the ArcGIS Server component of ArcGIS Enterprise.



**ArcGIS
Server**

ArcGIS GIS Server

ArcGIS Image Server

ArcGIS GeoAnalytics Server

ArcGIS GeoEvent Server

ArcGIS Business Analyst Server

4

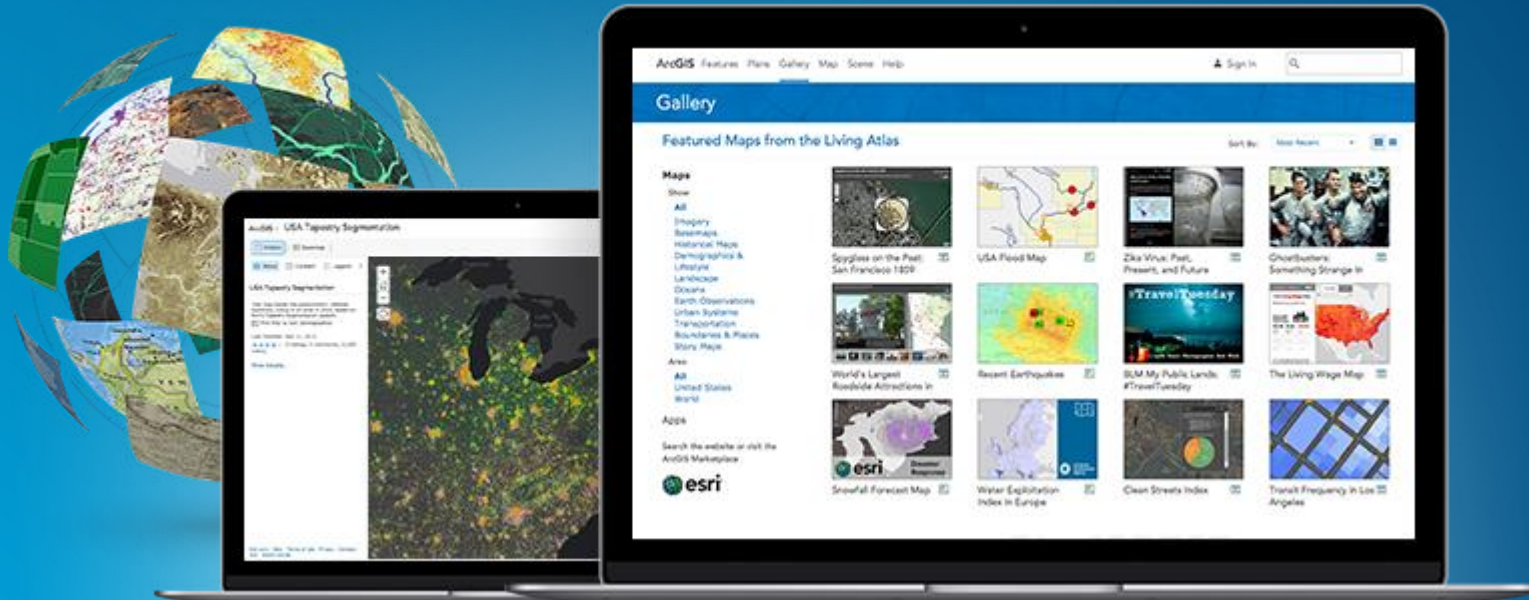
A **base ArcGIS Enterprise deployment** is required to utilize many of the new server capabilities such as:



- GeoAnalytics Server
- Business Analyst Server
- Raster Analytics within the Image Server
- Using the spatiotemporal data store with GeoEvent Server

5

Living Atlas content is now available within Portal for ArcGIS.



This content can be accessed by applications that are connected to your portal, such as Insights for ArcGIS.

6

There is a new named user level available -- the Level 1.



- Equivalent to the Esri built-in role of Viewer
- Can view portal content including maps, apps, and data.
- Cannot create or own content.

7

Distributed Web GIS is introduced.



Roadmap

Portal to Portal Collaboration

Portal to ArcGIS Online Collaboration

ArcGIS Online Org to Org Collaboration

Dev – Staging – Production Workflows

7

Distributed Web GIS is introduced.



Roadmap

Portal to Portal Collaboration **available at 10.5**

Portal to ArcGIS Online Collaboration

ArcGIS Online Org to Org Collaboration

Dev – Staging – Production Workflows

7

Distributed Web GIS is introduced.



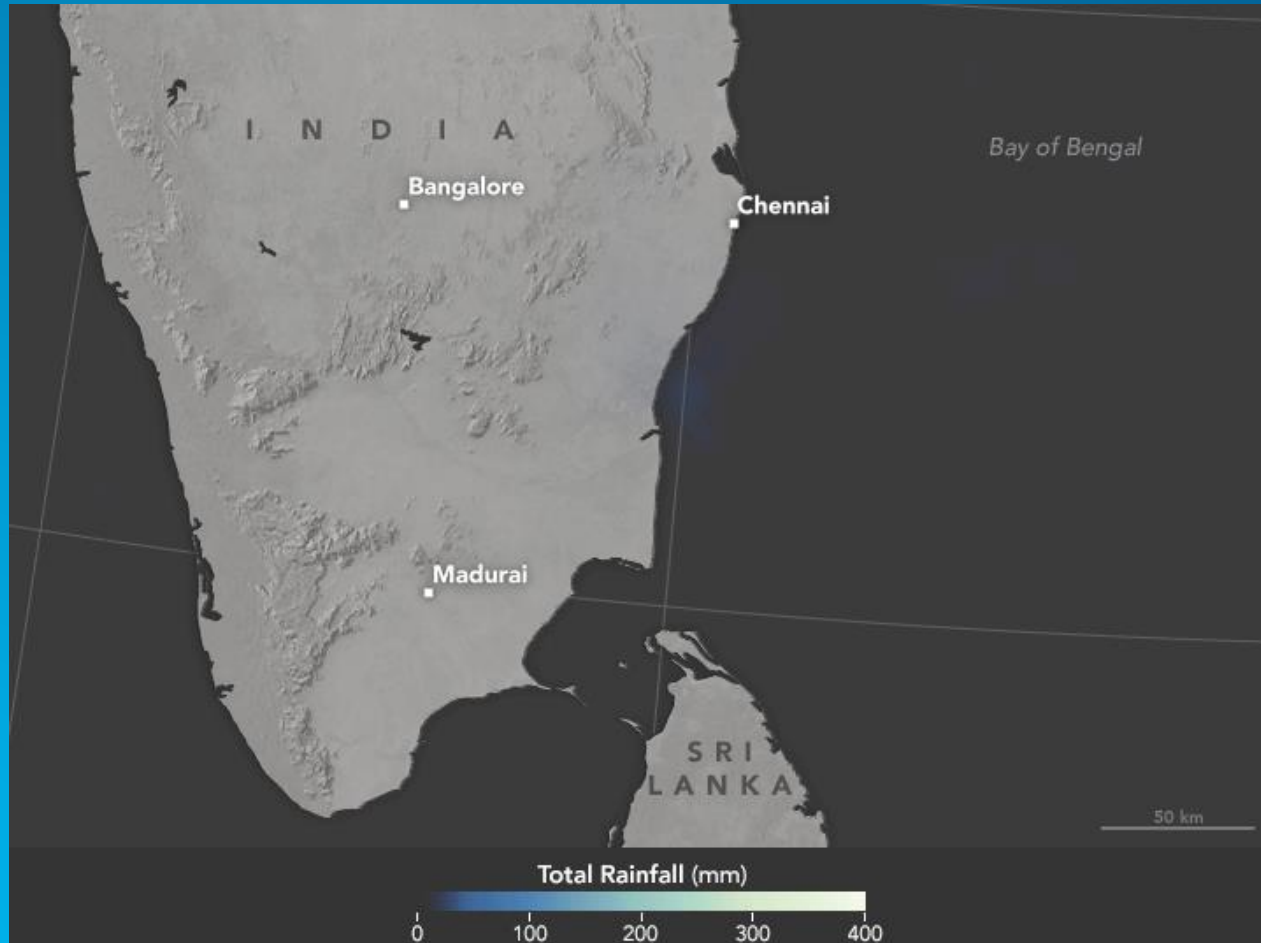
Portal to Portal
Centralized
Collaboration Hub



Portal to Portal
Interdepartmental
Collaboration

8

Script your Web GIS with the ArcGIS Python API.



The ArcGIS Python API integrates well with the Jupyter Notebook and SciPy stack. It enables academics, data scientists, and GIS analysts to share programs and reproducible research with others.

- Automate workflows and perform repetitive tasks using scripts
- Perform analysis and big data analytics
- Update content
- Script ArcGIS for Portal Administration

9

We have continued to upgrade and improve the Web GIS experience:



- **Enhanced smart mapping**
- **New configurable app templates**
- **Redesigned item details pages incl. Data view**
- **New features in story maps**
- **New themes for Web App Builder**

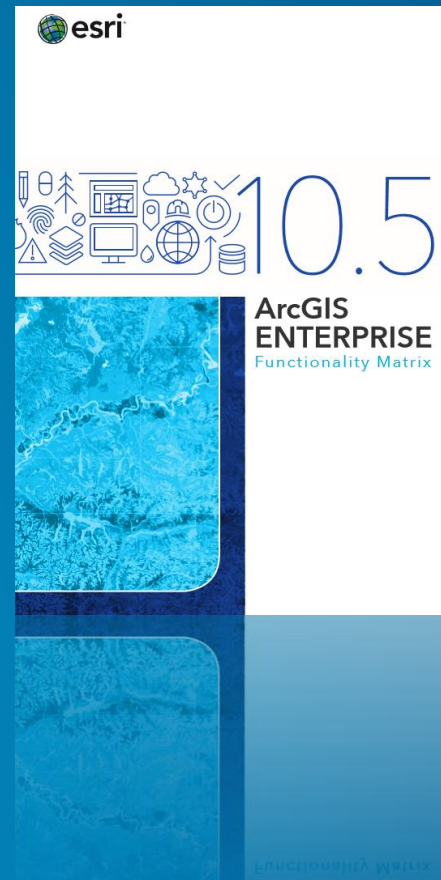
10

When you upgrade your existing ArcGIS for Server software to ArcGIS Enterprise 10.5 you must **visit My Esri** for a new software authorization file.



10.5

For more information on ArcGIS Enterprise including the [Functionality Matrix](#), architecture recommendations, tutorials, and more; check out the ArcGIS Enterprise documentation available through the Esri website.





Understanding our world.