ArcGIS Data Appliance® Enterprise Bundle

For US Customers Only

ArcGIS Data Appliance Enterprise Bundle is a GIS solution with content that has much of the same Esri prebuilt basemap content available through ArcGIS℠ Living Atlas of the World. The terabytes of rich imagery and detailed data come from industry-leading data providers to enhance ArcGIS applications and services. The data is designed and optimized for publishing services using the included ArcGIS Enterprise license. ArcGIS Data Appliance Enterprise Bundle connects directly to your existing network so you can quickly leverage the data for geospatial visualization and analysis.

ArcGIS Data Appliance: Vector Basemaps

ArcGIS Data Appliance includes Vector Basemaps, a content solution that is designed to run with ArcGIS Enterprise. Vector Basemaps are for those customers who want to take advantage of a high-performance street map (in multiple styles) as a background to their maps.

ArcGIS Data Appliance: Vector Basemaps includes:
Esri Vector Basemaps – provides rich, detailed maps from industry-leading data providers to enhance your ArcGIS and web applications.
OSM Vector Basemaps – provides rich, detailed maps, sourced by contributors with local knowledge, to enhance your ArcGIS and web applications.

NOTE: Vector Basemaps are **not included** with the ArcGIS Data Appliance World Basic product option.

ArcGIS Data Appliance is licensed as five different product options that are based on geography and the level of detail needed:

- **World Advanced**
- **World Standard**
- **World Basic**
- **North America Advanced**
- **North America Standard**

See the ArcGIS Data Appliance Product Details section of this document for more details on each product.

Key Features

- **ArcGIS Data Appliance Enterprise Bundle is provided on an Annual Subscription basis**. The continued right-to-use license of the ArcGIS Data Appliance Enterprise Bundle is acquired through the subsequent purchase of Annual Subscription licenses.

- The ArcGIS Data Appliance Enterprise Bundle includes a preloaded network-attached storage (NAS) device for Imagery Basemaps and USB flash memory for Vector Basemaps that includes the ArcGIS Data Appliance product of choice, plus an ArcGIS Enterprise 1 Annual Subscription License.

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- o Allows quick and easy publishing of large sets of useful geographic data.
- o Provides optimized maps and data for high-resolution publishing
- o Can be deployed in a secure, private network or over the internet.

Pricing

ArcGIS Data Appliance Enterprise Bundle is licensed and priced based on geography and the level of detail needed.

Deployment Licenses		
Item No.	**Product**	**Annual Subscription License Price**
143188	**World Advanced**	**$310,000**
138050	**World Standard**	**$209,000**
138072	**World Basic**	**$46,000**
143189	**North America Advanced**	**$205,000**
138071	**North America Standard**	**$140,000**
133168	Option: On-Site Installation Support[*]	**$24,300**

[*]*By purchasing this service, the customer agrees to the Packages Services Terms and Conditions (G363CT) Addendum), which shall take precedence over any other terms and the customer's purchase order. These Terms and Conditions can be viewed on the web at https://www.esri.com/content/dam/esrisites/en-us/media/legal/services/professional-svcs-agmt.pdf.*

Passive Failover/Staging/Development Licenses*		
Item No.	**Product**	**Annual Subscription License Price**
143257	**World Advanced**	**$125,000**
143258	**World Standard**	**$65,000**
143259	**World Basic**	**$19,000**
143260	**North America Advanced**	**$85,000**
143271	**North America Standard**	**$49,500**

Users must also purchase or have an existing matching ArcGIS Data Appliance Deployment License.

Classified Warranty Yearly Upgrade*		
Item No.	**Product**	**Annual Subscription Price**
162013	**World Advanced**	**$32,000**
162015	**World Standard**	**$18,000**
162016	**World Basic**	**$6,000**
162017	**North America Advanced**	**$17,000**
162018	**North America Standard**	**$14,000**

Classified Warranty is for Customers who cannot return hardware to manufacturer should there be a failure. This is an additional yearly fee on top of the base product purchase of any of the ArcGIS Data Appliance products.

Licensing, Deployment, and Delivery

- Purchase of the ArcGIS Data Appliance license requires a signed Master License Agreement.

- World Advanced, World Standard, North America Advanced, or North America Standard comes with an Annual Subscription License of ArcGIS Enterprise Advanced and ArcGIS Image Server for one server with four cores, and an Annual Subscription License of ArcGIS Pro Advanced license.

- World Basic comes with an Annual Subscription License of ArcGIS Enterprise Standard and ArcGIS Image Server for one server with four cores, and an Annual Subscription License of ArcGIS Pro Advanced license.

- Installation is the customer's responsibility unless the On-Site Installation Support option is purchased, which is highly recommended.
    - User must have available rack space for the placement of ArcGIS Data Appliance.

- Esri Vector Basemaps and OSM Vector Basemaps are delivered on a USB flash memory for installation on a customer's existing ArcGIS environment. This environment must meet the Esri Vector Basemaps system requirements and OSM Vector Basemaps system requirements needed to run the Vector Basemaps product option.

- Delivery is based on manufacturer availability but usually takes four to eight weeks upon acceptance of order. Current Pandemic supply chain issues may delay delivery.

- If a customer requires an on-premises solution for Geocoding and/or Routing, this can be obtained through the purchase of ArcGIS StreetMap Premium or the ArcGIS World Geocoder product if the need is for global geocoding.

Data Use and Updates

Data Use
The purchase of the Annual Subscription License of the ArcGIS Data Appliance Enterprise Bundle includes a right-to-use license of the applicable Esri software and data product for one year.

The continued right-to-use license of the Esri software and data product after the first year is only available if a customer continues to purchase subsequent Annual Subscription Licenses.

Data Updates
If a subsequent Annual Subscription License of the ArcGIS Data Appliance is purchased, the licensed data product is updated and delivered on disk drives to be installed by the user in the ArcGIS Data Appliance. Some updates may require replacement of the entire appliance instead of only the disk drives. If this is the case, the Annual Subscription License also covers this scenario.

NOTE: The Esri Vector Basemaps are delivered on USB flash memory.

Actual delivery date of the Data Update is subject to variables such as installation anniversary date, applicable Data Update a customer is due, and availability during the full-year term of the Annual Subscription License.

Support and Hardware Warranty

Telephone Support
The Annual Subscription License of the ArcGIS Data Appliance includes a year of telephone support.

Support for data issues is provided by Esri Support Services, and hardware support is provided by Arxys, the hardware manufacturer. This support includes installation, configuration, and upgrade assistance with each delivery as well as ongoing troubleshooting.

Optional On-Site Installation Support
Optional on-site installation and configuration support is available through Esri implementation services for an additional fee and is highly recommended. By purchasing this service, the customer agrees to the Packages Services Terms and Conditions (G363CT), which shall take precedence over any other terms and the customer's purchase order. These terms and conditions can be viewed on the web at https://www.esri.com/content/dam/esrisites/en-us/media/legal/services/professional-svcs-agmt.pdf.

Hardware Maintenance
First year hardware maintenance of ArcGIS Data Appliance is included for the first year.

Hardware Warranty
The hardware warranty will also be extended with subsequent Annual Subscription Licenses purchased. For details on Arxys Warranty Click Here

Product Details

ArcGIS Data Appliance—What's Included

Maps	World Basic	World Standard	World Advanced	North America* Standard	North America* Advanced
Elevation and Imagery basemaps and reference maps at small and medium scales (down to 1:144,000 or level 12)	✓	✓	✓	✓	✓
Raster Imagery maps at large scales		✓	✓	✓	✓
Esri Vector Basemaps**		✓	✓	✓	✓
OSM Vector Basemaps**		✓	✓	✓	✓
Subset of high-resolution imagery		✓		✓	
All high-resolution imagery			✓		✓

*Large-scale maps and imagery are limited to North America.
**Can be licensed by as a Standalone option by region upon request. Please email dataapp@esri.com for details.

Product Option Descriptions

- **World Basic** includes basemaps and reference maps with small and medium scales down to 1:144,000 or level 12.
- **World Standard** includes everything in ArcGIS Data Appliance World Basic plus large-scale maps worldwide with a subset of the high-resolution imagery in the World Imagery basemap.
- **World Advanced** includes everything in ArcGIS Data Appliance World Basic and World Standard. In addition, for World Imagery, high-resolution imagery is included worldwide.
- **North America Standard** includes everything in ArcGIS Data Appliance World Basic plus large-scale maps for North America, with a subset of the North America high-resolution imagery in the World Imagery basemap.
- **North America Advanced** includes everything in ArcGIS Data Appliance World Basic and North America Standard. In addition, for the World Imagery, high-resolution imagery is included for North America.
- **Esri Vector Basemaps and OSM Vector Basemaps** includes vector basemaps and reference maps with small, medium, and large scales. Not available with the **World Basic** product option.

Depending on the ArcGIS Data Appliance Product purchased, the level of detail and geography offered for each service differs. The difference between the Standard and Advanced ArcGIS Data Appliance products for World and North America, is the amount of coverage in the World Imagery basemap service. The following links provide comparisons between the two products:

World Imagery 2023 coverage maps – Click here

Larger coverage maps for Standard and Advanced Imagery are available:
Standard Imagery coverage maps– Click here
Advanced Imagery coverage maps – Click here

Documentation

ArcGIS Data Appliance includes a complete set of documentation. This documentation includes a deployment guide to support the implementation of the appliance as well as instructions for using the services in various ArcGIS applications. Each data product option is also fully documented with descriptive information on the data content it includes.

Additional Resources

The following help topics include product overviews, tips for deployment and use, and summaries of the services included with each Data Appliance Product.

ArcGIS Data Appliance 2023 for ArcGIS Home Page
Gateway for all public information available on the ArcGIS Data Appliance The following areas are common areas of information to help better understand the ArcGIS Data Appliance:

What's new – improvements and enhancements

System requirements - system requirements for all ArcGIS Data Appliance 2023 product options

Set up - Review the steps to of the ArcGIS Data Appliance setup process.

Frequently asked questions - questions or issues you may encounter when working with ArcGIS Data Appliance 2023 content, as well as recommended solutions.

Network Attached Storage and Server Specifications

Network Attached Storage

- Preloaded and Preprocessed Data (based on the chosen data product)
- MegaRAID 12 Gb/s SAS RAID Controller
- 480 GB SSD SATA 6 Gb/s Operating System Drive
- External USB 2.0 DVD+/-RW Drive
- Dual-Port Intel 10GBase – T Ethernet
- Integrated IPMI 2.0 with Dedicated LAN
- 1200W Titanium Level (96%) High-Efficiency Redundant Power Supply for 4U Chassis
- 800W Titanium Level (96%) High-Efficiency Redundant Power Supply for 2U Chassis
- 500W Platinum Level (94%+) High-efficiency Redundant Power Supply for 1U Chassis
- Windows Server Standard 2019 64-bit Operating System
- One Year Advanced Hardware Replacement and Phone Warranty and Support

The size of the network-attached storage deliverable above is dependent on the data product:

- 4U (World Advanced)
- 2U (World Standard, North America Standard or Advanced)
- 1U (World Basic)

1U Rack Mount Enterprise Server
- One (1) Quad Core Intel Xeon Gold 5222 3.8 GHz Processor, 16.5M Cache
- 32 GB of ECC DDR4 Memory
- 2 x 480 GB 2.5" SSD OS Drives with RAID 1
- MegaRAID 12 Gb/s SAS RAID Controller
- Slim SATA DVD-ROM Drive
- Dual-Port Intel 10GBase – T Ethernet NIC
- Integrated IPMI 2.0 with Dedicated LAN
- 500W Platinum Level (94%+) Redundant High-efficiency Power Supply
- Windows Server 2019 Standard 64-bit Operating System
- One Year Advanced Replacement Warranty

Frequently Asked Questions

Q: In what format is the map data delivered?
A: The data is delivered in two map formats in Web Mercator projection:

- Imagery cache is published in 256 x 256 pixel tiles and can be used in all ArcGIS clients.

- Esri Vector Basemap and OSM Vector Basemap tiles are provided as a vector tile package (.vtpk) and published as a hosted tile layer in ArcGIS Enterprise and can be used in ArcGIS Pro, ArcGIS Online, and ArcGIS Runtime.

In addition, elevation data is provided in a mosaic dataset with an accompanying 3D cache to support ArcGIS 3D clients and geoprocessing analytical tools. The World Places Locator is delivered as an ArcGIS locator file (.loc) that is optimized for publishing as a geocoding service.

Q: How do I publish map data from ArcGIS Data Appliance as services?
A: The ArcGIS Data Appliance Enterprise Bundle is delivered on a NAS device (size dependent on data product purchased—see specifications above) and a 1U Rack Mounted Server that can be connected to your organization's local network. Esri Vector Basemaps and OSM Vector Basemaps are delivered on a USB flash memory for installation on a customer's existing ArcGIS environment. The ArcGIS environment for the Vector Basemaps must meet the Esri Vector Basemaps system requirements and OSM Vector Basemaps system requirements. Once the ArcGIS Data Appliance Enterprise Bundle is connected to the network, services can be deployed using ArcGIS Enterprise. The ArcGIS Data Appliance Help documentation provides the necessary steps to publish the map data as services.

Q: When will I receive data updates?
A: You will **NOT** receive any updates the first year that you have the ArcGIS Data Appliance. After the first year, you will receive one update a year when subsequent Annual Subscription Licenses are purchased. Please note that you will automatically be billed for the Annual Subscription License, and updates will be delivered after the payment is received. Data Appliance updates consist of Maps and Data content updates as defined by Esri and as allowed by the data content partners incorporated in the Data Appliance.

Q: Can I continue to use the data if I *don't* continue to purchase subsequent Annual Subscription Licenses?
A: No. The initial purchase of the ArcGIS Data Appliance includes a right-to-use license for one year that is extended through the purchase of subsequent Annual Subscription Licenses. Esri's agreement with its data providers does not allow perpetual use of the map data. If a user does not purchase subsequent Annual Subscription Licenses, the user will be required to sign a Certificate of Uninstallation that the data has been erased/destroyed.

Q: Can I use the ArcGIS Enterprise license provided with this solution on another server?
A: No, the ArcGIS Enterprise license included with this solution is specifically for use with the server provided.

Q: Why are some Raster basemaps found in ArcGIS Living Atlas of the World not delivered with ArcGIS Data Appliance and delivered only as Vector Basemaps?
A5: In 2021, the bulk of the raster basemaps on the ArcGIS Data Appliance entered Mature Support, which means there are no additional updates for those basemaps. The ArcGIS Data Appliance released at the end of 2021 (AKA 2022/7.3) was the last release to include updates for those raster basemaps. The following Raster basemaps will continue to be delivered as a Network Storage Device:

- World Imagery, Antarctic Imagery; Arctic Imagery
- Arctic Ocean Base; World Ocean Base
- World Hillshade; World Dark Hillshade

Q: Whom do I contact if I need support?
A: Support pertaining to map data issues is provided by Esri Support Services. If you are in the United States, contact Esri Support online or call 1-888-377-4575, available from 5:00 a.m. to 5:00 p.m. (Pacific Time), Monday–Friday, excluding Esri holidays.

Hardware support is provided by the manufacturer of the Imagery appliance, Arxys Networked Storage, and includes installation and configuration assistance with each delivery, as well as ongoing troubleshooting.