



CGA™
**Frequently
Asked
Questions**

www.GeospatialAppliance.com

1. What is the CGA?

The CJMTK Geospatial Appliance (CGA) by Northrop Grumman is a true appliance: an integrated bundle of software, hardware, and data, engineered to efficiently perform specific functions for a well-defined purpose. Simply stated, the CGA provides operational simplicity at a lower cost. The logistics of creating and maintaining application-ready data with worldwide coverage is expensive, time-consuming, and requires specialized expertise. The CGA offers a high-quality solution at a lower cost (for both initial implementation and maintenance) by using standardized processes and Commercial Off-The-Shelf (COTS) products. The CGA addresses initial data population, maintenance, security accreditation, and hardware configuration issues that are associated with building such an implementation. Access to geospatial data is optimized through a set of

innovative tools that are transparent to the user. Data management and system administration are built into a service plan that includes updates of CGA software and data, including hardware upgrades in a secure environment.

2. What is the CGA product offering?

Hardware - Two hardware configurations are available:

1. A CGA Rack Mount Server Unit
2. A CGA Tower Server Unit.

Software - Windows Server 2008 64 bit O/S, ESRI ArcGIS Server® (version 10.1); Data administration tools; Content Management tools (for Automatic Updating); and Application Services (WMS v1.3, KML v2.0, SOAP, REST, Mapping, Gazetteer Place Finding)

Data - The NGA unclassified data holdings for RPF, VPF, and DTED with the addition of general worldwide data coverage (Esri

ArcGIS Data and Maps, NaturalVue and NASA Blue Marble) and NGA Geonames (includes USGS Geographic Names content). Groups within the Department of Defense (DoD) and Intelligence Community that have access to NGA Limited Distribution (LIMDIS) data will be eligible to receive the NGA data preloaded option at no additional cost.

The NGA Data on the CGA is classified as Limited Distribution by the DoD Information Security Program in compliance, with and in implementation of, Executive Order 12356, "National Security Information," Information Security Oversight Directive No. 1. National Security Information" (32 CFR Part 2001). All recipients and users of the CGA must therefore be screened, pre-qualified, and adhere to security regulations.

3. What if I am not eligible for the NGA Data pre-load option?

The CGA Base Unit configuration (without NGA data pre-loaded), is commercially available without any restrictions.*

4. What do I get when I purchase a CGA?

The initial purchase includes a one year service plan for data and software updates, Help Desk support, and a hardware warranty. A CGA Service Plan can be purchased to cover your system after the initial year.

5. What do I get with the CGA Service Plan?

The CGA Service Plan includes data updates three times a year, any software updates, and a hardware replacement plan, if the Service Plan is continually maintained for three years. The customer retains the existing hardware, and all licenses and support transfer to the new hardware.

6. What is the difference between the Model Year and Software Build?

Model year refers to the CGA Unit hardware, which is updated and released on a regular basis. Software builds are independent of Model year release. Software builds are released only when additional capabilities have been added to the CGA software baseline. Please note that the Model year will determine the price of the Service Plan.

7. What is the frequency of data updates?

Data will be distributed approximately every four months (three times a year). Target months are March, July, and November, as updates are made available from NGA.

8. Has the CGA been accredited?

Yes, by several customers. For more information about accreditation of the CGA, please contact info@cjmtkappliance.com.

9. What are the different ways Client Applications can access data on the Appliance?

There are four different methods for accessing data on the CGA:

- File sharing (to support applications such as FalconView)
- Geodatabase Access (to support CJMTK Mission Applications and other clients using ESRI ArcGIS Products)
- Web Services (to support WMS v1.3 – OGC Standard, KML v2.0 or SOAP – ESRI Map Services)
- REST API

10. Does the CGA support my client application?

If your client software supports one of the above methods, yes, the CGA will work for you. To validate your client's interoperability with CGA, you may want to participate in the CGA Certified Client Program.

11. What is the CGA Certified Client program?

The CGA Certified Client Program has been created to provide CGA customers with the assurance that a client application can access the CGA data. Each CGA Certified Client has undergone a series of standardized tests conducted by the CGA team. A current list of CGA Certified Clients is maintained at: www.GeospatialAppliance.com/CertifiedClient

12. What if I have a problem with my CGA?

There are two ways to get help:

1. On-line documentation
2. Help Desk support available Monday through Friday 8am – 5pm (EST) via the CGA web site: <http://www.geospatialappliance.com/> and click on the Help Desk tab at the top of the page or call the toll-free number below.

13. What is the price of the CGA (for qualified U.S. customers)?

For current pricing and order forms, please refer to the CGA web site www.GeospatialAppliance.com/Options.htm.

14. How can I get more information on CGA?

Please visit the CGA web site www.geospatialappliance.com for additional product information.

** The CGA Base Unit is subject to the export jurisdiction of the U.S. Department of Commerce.*

For more information, please contact:

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