

PUTTING THE POWER OF MAPS IN YOUR APPS

Boundless Server™ is a GIS server for publishing a variety of geospatial data as web services. Boundless Server gives you the power to put maps in your apps – use Server to help answer questions about location, see the world around you, and make informed decisions. Server simplifies your ability to convey information through geography and helps you improve the richness of your applications.

Boundless Server represents a significant advancement for organizations looking to leverage the power and cost-effectiveness of open source software to manage geospatial data and create maps across web, mobile, and desktop applications. Organizations use Boundless Server to visualize and solve their complex geospatial and business problems without being constrained by the costs, restrictions, and scaling limitations of proprietary software.

Boundless Server is built on the proven open-source GeoServer and GeoWebCache software projects from OSGeo. With a flexible architecture that enables organizations to reliably publish a range of data and workflows to web applications, desktop clients, and mobile devices, Boundless Server lets you access and edit geospatial data through a number of Open Geospatial Consortium (OGC) services and open formats. Boundless Server can be deployed on physical hardware, in virtual environments, or in the cloud.



With commercial support and maintenance, Boundless Server combines the flexibility of open source with the reliability and support of a single, stable vendor.

Boundless Server is available in two editions: Standard and Enterprise.

Standard is designed for organizations who want to host Server on their own infrastructure, behind their own firewall, and with a predictable workload.

Enterprise is designed for organizations who have a need for easy scalability, increased availability, failover protection, and have unpredictable workloads. Enterprise is only deployed in, and optimized for, the cloud, using a variety of 3rd-party cloud infrastructures.

Boundless Server is delivered as a single, self-contained executable file, complete with common extensions bundled together. This makes publishing data faster and easier than with community software alone. It leverages an extendable architecture that works in both physical and virtual environments, and supports myriad vector and raster formats.

Boundless Server is available through an annual subscription, which includes use of the software, commercial premium technical support, documentation, best practices and basic implementation assistance, as well as software upgrades, patches, and bug fixes.

BOUNDLESS SERVER PROVIDES:

- **Proven Open Source Innovation** | deriving the best from the geospatial community without proprietary costs
- **Standards-Based Operation** | supports OGC web services (WMS, WFS, WCS, WPS) and geo-protocols (geoJSON, GML, KML)
- **Interoperability** | Geoservices REST API for communication with other GIS systems
- **Platform Independence** | available on Unix, Windows, Mac or the Cloud of your choice
- **Administrative GUI** | single, easy-to-use interface exposing all functionality
- **Database Connections** | store data in PostgreSQL, Oracle, SQLServer and others
- **Formats** | supports a wide variety of vector and raster formats and conversion tools (GDAL, EPG)
- **Styling** | implements traditional SLD/YSLD and newer Mapbox map styles for rich cartographic presentation
- **Vector Tiles** | supports vector tiles and caching for increased rendering and transactional performance
- **Bundled Convenience** | comes bundled with PostGIS and common community extensions
- **Affordability** | allows unlimited user access with no constraints on database size or service requests

SERVER IS POWERED BY LEADING OPEN SOURCE GEOSPATIAL SOFTWARE COMPONENTS, INCLUDING:

- **GeoServer** | a web server for sharing geospatial data. Publishes data from any major spatial data source using open standards
- **GeoWebCache** | a web application to cache map tiles coming from a variety of sources such as OGC Web Map Service (WMS) in order to accelerate and optimize map image delivery
- **PostGIS** | a spatial database extender for the PostgreSQL relational database. Adds support for geographic objects allowing location queries to be run in SQL
- **Extensions** | functional add-ons to enhance the core capabilities of GeoServer

Type	Title	Name	Store	Enabled	Native SRS
Image	USGS Imagery Map	casade.usgs_map	Casade_USGS	✓	EPSG:4326
Image	Hurricane1	HurricaneHurricane1	hurricane	✓	EPSG:4326
Image	NOAA_Flood_Outlook	HurricaneNOAA_Flood_Outlook	hurricane	✓	EPSG:4326
Image	Tropical1	HurricaneTropical1	hurricane	✓	EPSG:4326
Image	hurricane_jose_uncertainty_zone	Hurricane hurricane_jose_uncertainty_zone	hurricane	✓	EPSG:4326
Image	hurricane_jose_wind_initiadi	Hurricane hurricane_jose_wind_initiadi	hurricane	✓	EPSG:4326
Image	hurricane_maria_uncertainty_zone	Hurricane hurricane_maria_uncertainty_zone	hurricane	✓	EPSG:4326
Image	hurricane_maria_wind_initiadi	Hurricane hurricane_maria_wind_initiadi	hurricane	✓	EPSG:4326
Image	American Indian - Alaska Native - Native Hawaiian Area	ind-amer	nd_census_geo	✓	EPSG:4326
Image	American Indian Tribal Subdivision National	ind-amer	nd_census_geo	✓	EPSG:4326
Image	Alaska Native Regional Corporation	ind-amer	nd_census_geo	✓	EPSG:4326
Image	Area Landmark	ind-amer	nd_census_geo	✓	EPSG:4326
Image	Area Hydrography	ind-amer	nd_census_geo	✓	EPSG:4326
Image	Block Group	ind-bg	nd_census_geo	✓	EPSG:4326
Image	Core Based Statistical Area	ind-cbsta	nd_census_geo	✓	EPSG:4326
Image	Conventional District	ind-ctd	nd_census_geo	✓	EPSG:4326

ABOUT BOUNDLESS

Boundless is the leader in open, scalable enterprise-grade GIS software. Boundless empowers state and local governments, federal agencies and commercial enterprises to control the development of their GIS ecosystems and unlock the value of their location-based data to make better decisions, answer location intelligence questions and more fully understand their world. The experts at Boundless reduce the cost and time of deploying, managing and enriching the use of geospatial software with a scalable, open GIS platform – including Exchange™, Server™, Anywhere™, Desktop™, and Connect™. Learn more at boundlessgeo.com, follow Boundless on Twitter @boundlessgeo or speak with us.