

Manya Technologies – QGIS Commercial Support Application

Company Overview

Name: Manya Technologies

Location: Bangalore, India

Established: 2023

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OSGeo Recognition: Official OSGeo Service Provider ([OSGeo Directory](#))

About Us

Manya Technologies is a leading provider of **custom GIS solutions**, specializing in **QGIS, PostGIS, and open-source geospatial technologies**. We deliver high-quality services to defense, government, and enterprise clients, including **simulation, visualization, and real-time GIS applications**.

Services Offered

1. Commercial QGIS Support

- Installation, configuration, and troubleshooting of QGIS Desktop and QGIS Server.
- Long-term maintenance and enterprise support contracts.

2. Custom GIS Solutions

- Real-time visualization platforms (PrithviGIS, CesiumJS).
- Simulation of moving platforms, radar tracks, and mission rehearsal scenarios.
- Geospatial dashboards for analytics and decision support.

3. QGIS Plugin Development

- Custom tools for spatial analysis, data visualization, and operational workflows.
 - Integration with PostGIS, radar, GPS, and real-time sensor data.
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Sample Projects / Case Studies

1. PrithviGIS – Real-Time Radar & GPS Visualization

<https://manyatechnologies.com/prithvigis/overview/>

- Vector and raster map display with filtering, symbology, and measurement tools.
- PostgreSQL/PostGIS backend for multi-user, real-time GIS operations.
- QGIS-based GIS tool integrating live radar and GPS data.
- Real-time platform updates for defense and mission planning applications.

2. Custom Map Viewer

<https://github.com/Manya-Technologies/qgis-qt-mapviewer-demo>

- Simple map viewer application

3. CesiumJS 3D map display with simulated tracks

<https://cesiumjs.manyatechnologies.com/>

- Simulation of 100 aircrafts.
- Track history/trial display
- 2D distance measurement & area measurement
- Display filter based on classification
- Time synchronized playback

Team Expertise

- **Qt & C++** for GIS application development.
- **QGIS API & PyQGIS** for plugin development.
- **PostgreSQL/PostGIS** for spatial databases and real-time data management.
- **CesiumJS** for 3D visualization and geospatial simulation.
- **Defense & Government Projects:** Radar visualization, flight simulation, and mission planning.

Why Choose Manya Technologies

- Recognized OSGeo service provider with proven QGIS expertise.
 - Experience in **defense, commercial, and enterprise GIS solutions**.
 - Ability to deliver **custom, scalable, and high-performance QGIS solutions**.
 - Commitment to **open-source geospatial innovation**.
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