

## Job Posting



**Position:** Senior GIS Data Analyst – Telecom/MSO

**Job Type:** Full-time

**Location:** Minnesota, Remote

### Position Description:

RAMTeCH Software Solutions is a global GIS consulting, data management, and software solutions company specializing in the utility and telecommunications industries. We are seeking a Senior-level GIS Analyst to work either in our Stillwater, MN (Minneapolis/St. Paul area) office or remotely by telecommunication. Primary responsibilities of this position include supporting projects with GIS analysis, spatial data conversion/migration/conflation scopes, and quality assurance testing, for telecom and MSO (cable) applications based on Esri's ArcGIS Portal and Platform solutions. The successful candidate will work in a team environment with project managers, GIS technicians/analysts, consultants, developers, offshore technical resources, and clients to support a variety of telecom/MSO GIS projects that are either in production or proposal stages.

### Position Requirements:

For Senior-level consideration, considerable experience in GIS consulting services and/or internal telecommunications or MSO (Multiple Service Operator (cable)) company operating experience with fiber and coax outside or inside plant design is strongly preferred.

- Experience in one or more of the following areas: user needs assessments, GIS analysis, spatial data testing and QA/QC, business process analysis, HFC or fiber network design/posting/drafting.
- Research, assess, integrate, manipulate, extract, and analyze spatial data for both geospatial and operational databases, and various ancillary sources.
- Experience in dealing with multiple and disparate sources for spatial data conversion, migration, and conflation. Safe Software's FME application skills are desired but not required.
- Experience with database analysis and design, and data assessment and integration of large telecom/MSO datasets. Esri Utility Network and Geometric Network telecom and/or MSO data modeling experience is strongly desired.
- Assist with analysis, design, and functional specification documentation writing.
- Experience with a combination of the following applications: ArcGIS Desktop, ArcGIS Enterprise, ArcGIS Online, ArcGIS Portal, GE Smallworld, spatialNET, 3-GIS, Schneider Electric Fiber Manager and DHFC, Bentley Comms, Intergraph G/Comms, AutoCAD, Lode Data, and Web Services.
- Experience with database management systems is essential: Oracle, SQL Server, PostgreSQL.
- Knowledge of fiber and coax network planning, design, permitting, construction, and as-built posting processes. FTTx, GPON, Hybrid Fiber-Coax (HFC) architecture, node-splits, node-segmentation design are desirable.
- Experience with telecommunications and MSO business and operations.
- Experience developing reports and presentations.
- Written and verbal communication skills and excellent listening skills for individual interactions and in group settings.

### Experience and Education Required:

- More is preferred, but a MINIMUM of 3 - 5 years' post-academic experience in GIS applications and/or data management with direct experience in the telecommunications or cable industry strongly preferred.
- Education: Bachelor's or master's in computer science, GIS, cartography/geography, engineering, or a related field.

### Additional Job Details:

- Certification: None
- Travel: Between 10% and 20% (\*not applicable during COVID-19 mitigation restrictions, and will resume once client operations return to normal)
- Work Authorization: US Citizenship REQUIRED. Work Visa sponsorship will not be provided.
- Pay: \$60,000 - \$80,000 per year based on applicable industry experience.

Join a global network of high-caliber people who collaborate and share an enthusiasm for successful project delivery. RAMTeCH encourages individual achievement and recognizes the strength of a diverse workforce. This

position comes with a competitive salary and a comprehensive benefits package, including life insurance, health and dental insurance, tuition and training reimbursement, 401(k) retirement plan, paid holidays, vacation and sick time.

Our growing team awaits the addition of your technical knowledge and strong skills. For confidential consideration, qualified candidates should submit a cover letter, resume, and salary requirements.

**COVID-19 considerations:**

All U.S. RAMTeCH employees are working remotely at this time. Operations will return to normal with internal social distancing and PPE requirements and as directed by individual office state and local governments require/recommend.

**Contact Information:**

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Human Resources Department

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