GIS/GEOSPATIAL SERVICES
DATA INTELLIGENCE FOR ELECTRIC UTILITIES

EDM
reliability & innovation

EDM'S GIS TEAM USES CURRENT ESRI AND MICROSOFT SOFTWARE TO PROVIDE GEOSPATIAL ANALYTICS, END-TO-END SOLUTION DESIGN, OPERATIONAL SUPPORT, AND SUBJECT MATTER EXPERTISE TO ELECTRIC UTILITIES.

The team focuses on database design, geospatial app development and configuration, project operations tracking, and predictive modeling. GIS serves as the "hub" for most mobile-based projects, including inspections, UAS operations, and vegetation management.

MAPPING & CARTOGRAPHY	Map books / map atlases Facility conflation / land classification GNSS surveys (Trimble / EOS)
SPATIAL ANALYSIS & GEOPROCESSING	Statistical modeling Python / SQL scripting & automation UAS orthography / 3D point-cloud processing
MOBILE DATA COLLECTION	Facility inspection / Inventory setup CartoPac, Esri Field Maps, Esri Survey123 D-Calc product & integration
DATABASE DESIGN & WORKFLOW DEVELOPMENT	SQL Server relational databases Esri stacks (Pro, Enterprise, AGOL) Supports office-to-mobile-to-office flows
PROJECT DEVELOPMENT & TRACKING	Esri operations dashboard / ArcGIS Hub SSRS reporting, Power Automate Collaboration / visibility / real-time KPIs

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