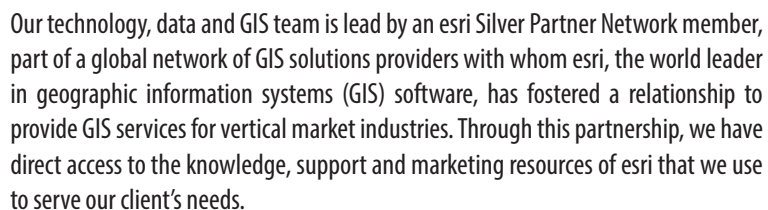# Information Management Services

Our customized technological solutions make data collection and geographic information systems work in harmony to deliver our clients effective work products.

Ironwood combines the use of Global Positioning Systems (GPS), Geographic Information Systems (GIS), and mobile technologies in all field studies, enabling the rapid production of accurate and efficient data and near-real time maps and status updates. These technologies help us communicate the results of our findings to our clients in formats that are useful and responsive to their needs.

Ironwood also specializes in providing innovative GIS analysis, modeling, and application development solutions and services, with an emphasis on the use of GIS in the biological, natural resources, and planning disciplines. Our comprehensive geospatial services include:

- Field-based digital data collection and integration
- Web-based data management solutions
- Habitat suitability and species distribution modeling
- Geostatistical analysis
- Geodatabase design and development
- Custom application development
- Needs assessments and requirements analysis
- GIS System implementation and integration
- Existing conditions mapping

Our technology, data and GIS team is lead by an esri Silver Partner Network member, part of a global network of GIS solutions providers with whom esri, the world leader in geographic information systems (GIS) software, has fostered a relationship to provide GIS services for vertical market industries. Through this partnership, we have direct access to the knowledge, support and marketing resources of esri that we use to serve our client's needs.

Ironwood's technology and GIS team has extensive experience using, integrating and developing custom data and mapping applications using many esri and open-source GIS products, including:

- ArcGIS for Server and Desktop
- ArcGIS Online
- ArcSDE
- Open Source GIS systems
- SQLServer, PostGreSQL and other database systems

esri Partner Network Silver

Ironwood Consulting Inc. (Ironwood), an environmental consulting firm founded in 2008, specializes in biological resource management, environmental impact assessment, regulatory permitting, and monitoring services. The combined experience of Ironwood's partners is extensive, representing over 35 years of environmental consulting for a range of industries including military, utility, engineering, commercial, and residential infrastructure.

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