INTERGRAPH

ImageStation Feature Collection

About ImageStation Feature Collection

ImageStation Feature Collection (ISFC) is a low cost, easy to use map feature data collection product that provides tools for interactively collecting map feature geometry (2-D and 3-D) and attributes. ISFC is completely integrated with the ImageStation Stereo Display (ISSD) system, which allows 3-D map features to be digitized from a photogrammetric stereo model. Tools are provided to allow users to customize map feature definitions and to define feature collection methods that best suit their production needs. Map feature data is collected into GIS-compatible databases that can be easily utilized by third-party GIS systems such as MGE or GeoMedia.

Why is ImageStation Feature Collection right for you workflow?

- Promotes consistent feature creation and symbology
- Flexibility to redefine feature properties for individual projects
- Quick command activation using feature code key-ins or selection menus
- Map feature collection integrated into the stereo environment
- Integrated with ISDC for defining and collecting geomorphic features
- Collected feature data can easily be utilized in the MGE and GeoMedia GIS systems

Key Features

- Feature Definition – A graphical user interface is provided for defining and editing the map symbology and digitizing properties of linear, area, and point map features. The feature definitions can be extended with custom attribute definitions for storing non-graphic attributes.
- Feature-Driven Collection Mode – Collected feature graphics are identified by feature type
- Attribute-Driven Collection Mode – Collected feature graphics are identified by feature type and unique attribute values
- Feature Collection Tools – An extensive set of digitizing commands and controls are provided for efficient collection and annotation of linear, area, and point features
- Feature Attribute Collection – Non-graphic attribute values can be entered before or after the feature collection process
- GIS-Compatible Data Storage – Collected map features are stored in the industry-standard IGDS design file format and linked to a project database