PLTS for ArcGIS[®]—Mapping Agency Solution



GIS for Production



Topographic Mapping

GIS Tools for Topographic Mapping

Production Line Tool Set (PLTS) for ArcGIS®—Mapping Agency Solution provides the tools to enable users to efficiently produce and maintain topographic databases and publication-quality map products. PLTS for ArcGIS leverages the object-relational technology in ArcGIS to streamline production of data and map products through a consistent process, enabling you to do more with fewer resources. From source compilation through database editing and quality assurance/quality control (QA/QC) to cartographic finishing, Mapping Agency Solution delivers efficient workflow tools for

- National mapping agencies
- State and provincial mapping agencies
- Natural resource mapping agencies including land management, water resources, forestry, vegetation, soils, and more

Topographic Database Tools

Mapping Agency Solution is used to create topographic data sets ranging from large to small scale. It uses topographic geodatabase models, a user-definable knowledge base, single-click editing, attribution, and QA/QC tools, which combine to offer a tightly integrated production flow. Mapping Agency Solution contains quality control, workflow management, and cartographic product generation components. GIS Data ReViewer enables users to maintain data quality throughout a project, while Job Tracking for ArcGIS (JTX) is included for project tracking, workflow management, and feature-level history tracking. These efficiency tools can be customized according to your organization's processes, business rules, and product specifications.

Database-Driven Cartography

Map Production System (MPS) facilitates the production of hardcopy topographic map products. A map series, or template information, is stored in a geodatabase. Source data, projects, products, and map sheets are cataloged and spatially managed in the Project and Map Sheet Catalog (PMC). The information provided from these two databases automates the process of map sheet generation. Several existing map series are included with Mapping Agency Solution, and tools are provided to enable you to easily create your own customized map series. MPS provides a number of industry-standard surround elements and symbol styles that can be used within any map product you choose.

Database-Driven Map Data Products

For more information, Visit: www.esri.com/plts E-mail: plts@esri.com





For more than 30 years ESRI has been helping people manage and analyze geographic information. ESRI offers a framework for implementing GIS technology in any organization with a seamless link from personal GIS on the desktop to enterprisewide GIS client/server and data management systems. ESRI GIS solutions are flexible and can be customized to meet the needs of our users. ESRI is a full-service GIS company, ready to help you begin, grow, and build success with GIS.

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