

Spatial Library Server

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1. Introduction

Welcome to the help library for the Spatial Library Server system for map authors and system administrators. Spatial Library Server allows you to index and organize your geospatial data so it's easy to use in the Map Publisher Desktop application. This help system focuses primarily on using Spatial Library Server configuration and management.

If you're new to Map Publisher Professional and Spatial Library Server, you can start learning about the system now by reading the topics in the [Application Overview](#).

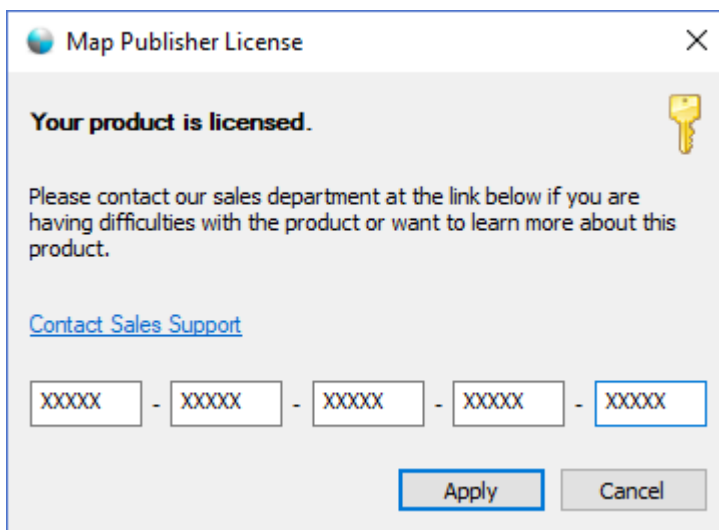
Using this Help

There are a number of ways to explore the information contained in this User Guide, depending on where you are and what you are looking for. The four major areas are:

- [Application Overview](#)
Start here if you want to learn about what the product does and what features it contains.
- [Desktop Application](#)
Read here if you want to know how to use the desktop product or to find out what a dialog, control or menu does.
- [Server Application](#)
Read here if you want to learn about the server components and how to manage or configure them.
- [How To](#)
Read here if you want to learn how to configure and deploy the service as a personal library or shared library or how to utilize Spatial Library Server from Map Publisher Desktop application.

Licensing

Spatial Library Server is feature of Map Publisher Professional and requires one license per installation.



- You can purchase Map Publisher Professional on our Web Site:
<https://www.lcic.xyz/products/purchase.html>
- Read more about licensing Map Publisher Professional:
- <https://www.lcic.xyz/products/licensing.html>

Contact Information

- Map Publisher Professional Website
<https://www.lcic.xyz/products/axis>
- Support Forums
<https://www.lcic.xyz/products/axis/forums>

- Support Email
support@lcic.xyz

2. Application Overview

Spatial Library Server allows you to index and organize your geospatial data so it's fast and easy to manage using the Map Publisher Desktop application. Spatial Library Server is a collection of one or more catalogs that contain metadata about the geospatial data files on your network. A catalog is a collection of metadata for a group of geospatial files that describes what the files are and where they are located on a map. For example: A Raster Catalog named Landsat could have an inventory of all the Landsat imagery on your network and using Map Publisher Professional you could quickly see footprints and imagery on the map that could be selected for creating a large mosaic. Spatial Library Server enables you to manage all your geospatial assets easily and intelligently.

Spatial Library Server has two main components. The components are:

- [Library Desktop](#)
- [Library Server](#)

The Library Server stores metadata about your data and the Desktop application is used to configure the server and view and or manage the log messages from the server.

Library Desktop

Library Desktop is a simple GUI application that is installed with every instance of Spatial Library Server. You can access it from one of the links that were installed on your desktop, start menu or from the Program Files folder. Administrative privileges are required for some of the functions in the application. To read more about this requirement visit [Library Desktop](#).

Library Server

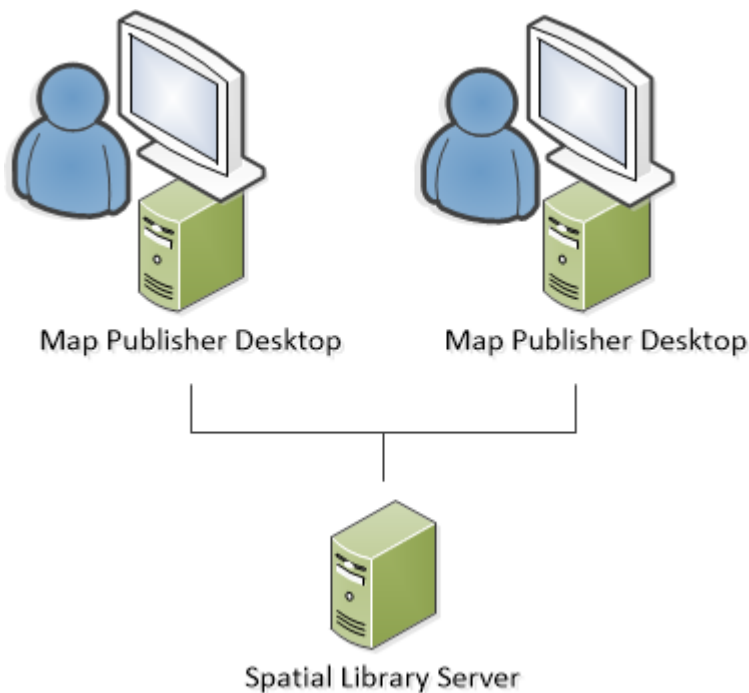
Library Server is a Windows Service that stores and manages a library of catalogs that can be utilized by one or more users on your network. The service can be deployed on the same computer as Map Publisher Desktop or on a separate computer and then referenced remotely using the Map Publisher Desktop application. The deployment diagrams shown below illustrate different deployment strategies:

Personal Library:



Shared Library:

Spatial Library Server



To get started using Spatial Library Server and determine what deployment strategy is best for you read the [Desktop](#), [Server](#) and [How To](#) sections of this help guide. Additional information on how to use Map Publisher Desktop with Spatial Library Server can be found in the Map Publisher Desktop help guide.

3. Using The Application

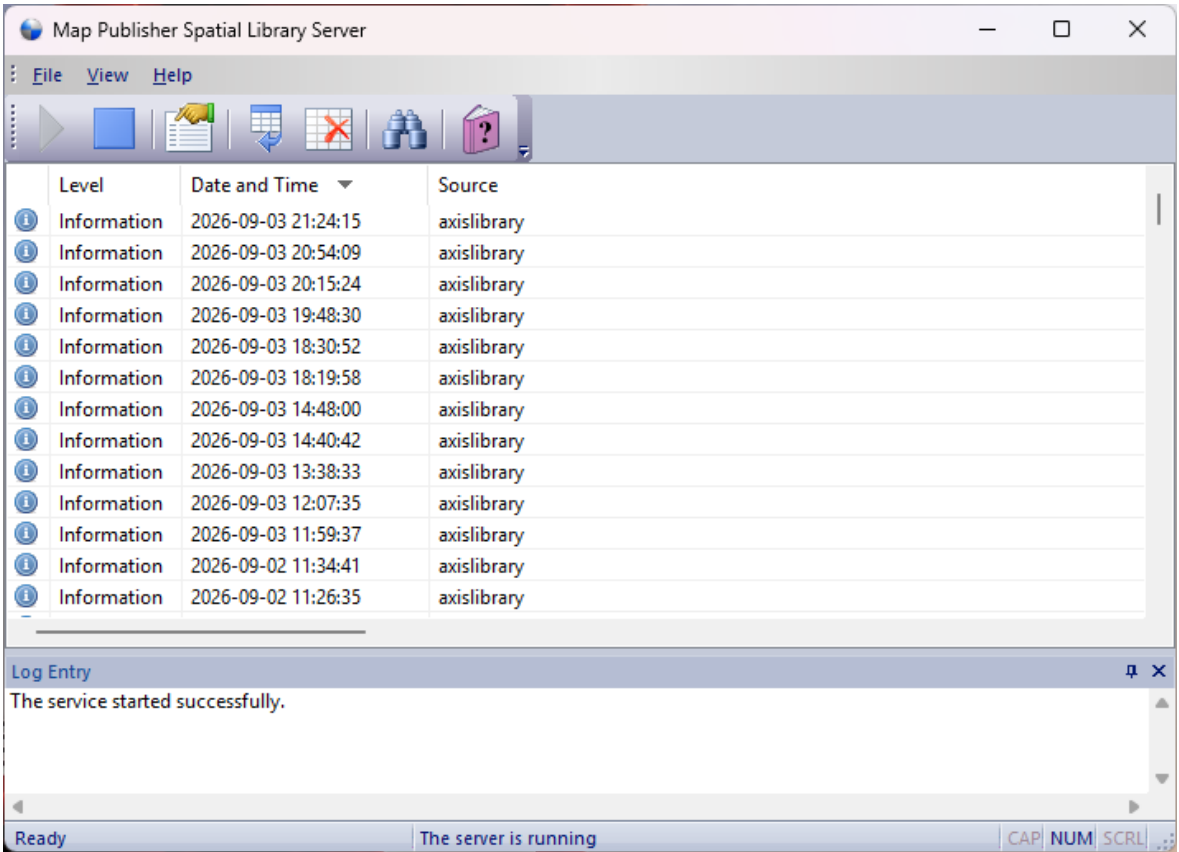
3.1 Desktop

3.1.1 Overview

Spatial Library Desktop is a management application that allows you to control and manage the Spatial Library Server application. The application is a simple GUI application that is installed with every instance of Spatial Library Server. You can access it from one of the links that were installed on your desktop, start menu or from the Program Files folder. Administrative privileges are required for some of the functions in the application. See Desktop Restrictions below to read more about the restrictions. Use the Desktop application to stop, start, configure services properties and review event log entries. Visit the Desktop Control links below for more information.

Desktop Window

The screenshot below shows the Library Desktop Application Window:



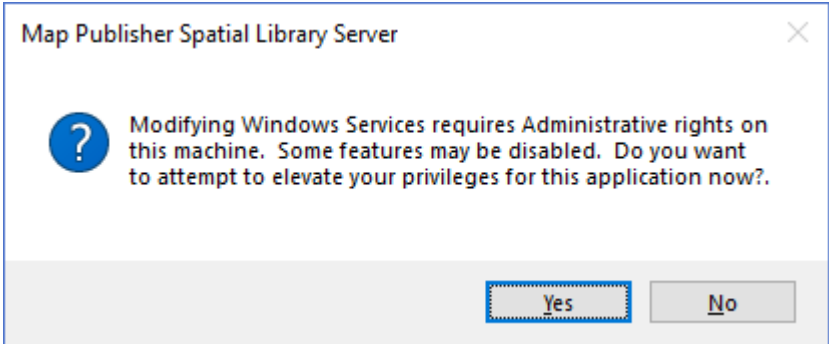
Desktop Controls

The application controls are:

- [Menu](#)
- [Toolbar](#)
- [Log Entry List](#)
- [Log Entry Docking Window](#)
- [Properties Dialog](#)
- [Find Dialog](#)
- [About Dialog](#)
- [Status Bar](#)

Desktop Restrictions

Administrative privileges are required for some of the functions in the application because the Microsoft Windows API requires administrative privileges when starting, stopping and configuring Windows Services. To read more about this restriction please visit the Microsoft [website](#) . Despite this restriction, the application will still run for a normal user if the user declines to elevate the application privileges on startup of the application. This can be useful if the user wants to inspect and / or export the log entries. If the application is started without administrative privileges the message box displayed below will appear:

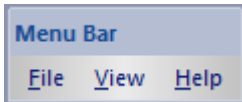


Choosing "Yes" will attempt to elevate the user privileges to Administrative. Choosing "No" will launch the application with a reduced set of functionality. If a user is already in the Administrators group then the message box will not appear. The behaviour described above can vary depending on the settings of Windows User Account Control (UAC).

3.1.2 Menu

The desktop menu control allows you to execute the features of the application by selecting the action you wish to perform with either the mouse or keyboard.

Desktop Menu



The popup menu items are:

- **File**
 - **Start**

Starts the Spatial Library Server service component.
 - **Stop**

Stops the Spatial Library Server service component.
 - **Properties**

Displays the [Properties Dialog](#) window.
 - **Export**

Exports the [Log Entry List](#) as a semi-colon delimited list of records in a text file.
 - **Delete Log Items**

Deletes the Log Entries from the Windows Event Log and from the [Log Entry List](#) . This action cannot be undone.
 - **Find**

Displays the [Find Dialog](#) window that is used to find Log Entries that fully or partially match the search criteria.
 - **Exit**

Exits the application and closes all windows but does not stop the Windows Service.
- **View**
 - **Toolbars and Docking Widows**
 - **Server**

Toggles the Server [Toolbar](#) on or off.
 - **Log Entry**

Toggles the [Log Entry Docking Window](#) on or off.
 - **Customize**

Displays the Customize Dialog window where you can customize the Menu and [Toolbar](#) options

- **Status Bar**

Toggles the [Status Bar](#) Window on or off.
- **Help**
 - **Help Guide**

Displays the Help Window guide (this application) for the application where you can read about Spatial Library Server and how to use it.
 - **About Spatial Library Server**

Displays the [About Dialog](#) window for the application where you can read about the manufacturer, copyright and find product links.

3.1.3 Toolbar

The desktop toolbar control allows you to execute the features of the application by selecting the action you wish to perform with the left mouse click.

Desktop Toolbar



The toolbar buttons are:

- **Start**

Starts the Spatial Library Server service component.


- **Stop**

Stops the Spatial Library Server service component.


- **Properties**

Displays the [Properties Dialog](#) window.


- **Export**

Exports the [Log Entry List](#) as a semi-colon delimited list of records in a text file.


- **Delete Log Items**

Deletes the Log Entries from the Windows Event Log and from the [Log Entry List](#). This action cannot be undone.



- Find

Displays the [Find Dialog](#) window that is used to find Log Entries that fully or partially match the search criteria.



- Help Guide

Displays the Help Window guide (this application) for the application where you can read about Spatial Library Server and how to use it.



3.1.4 Log Entry List

	Level	Date and Time ▾	Source
	Information	2026-09-03 21:24:15	axislibrary
	Information	2026-09-03 20:54:09	axislibrary
	Information	2026-09-03 20:15:24	axislibrary
	Information	2026-09-03 19:48:30	axislibrary
	Information	2026-09-03 18:30:52	axislibrary
	Information	2026-09-03 18:19:58	axislibrary
	Information	2026-09-03 14:48:00	axislibrary
	Information	2026-09-03 14:40:42	axislibrary
	Information	2026-09-03 13:38:33	axislibrary
	Information	2026-09-03 12:07:35	axislibrary
	Information	2026-09-03 11:59:37	axislibrary
	Information	2026-09-02 11:34:41	axislibrary
	Information	2026-09-02 11:26:35	axislibrary
	Information	2026-09-02 11:09:41	axislibrary
	Information	2026-08-29 19:44:06	axislibrary
	Information	2026-08-29 19:34:18	axislibrary

Log entries are generated by the Library Service in the Windows Event Log under the **"Applications and Services Logs"** section in a log called **"AxisParallelServer"**. The Desktop Log Entry List control shows the log entries from this log only. The list can be sorted either ascending or descending per column by clicking on the column header. There are four columns in the list and they are as follows:

The four column names from left to right are:

- Icon



An icon that represents the level of the log entry to compliment the Level column text description.

- Level

A text description that represents the level of the log entry to compliment the Icon column. There are three possible Level description text messages matching the three possible icons. The three log levels are:

- Error

Log entries that are generated by the service that the user or system administrator should be concerned about and may mean the system is not working properly.

- **Information**

Log entries that are generated by the service that are informational to the user or system administrator and are a normal part of the operation.
- **Warning**

Log entries that are generated by the service that the user or system administrator should be advised of but may or maynot prevent the system from working properly.
- **Date and Time**

The local system date and time the service generated the log entry in the form of YYYY-MM-DD HH:MM:SS.
- **Source**

A short text description of the Windows Service that generated the log entry. The one possible description is "**axislibrary** " for the Library Service.

Desktop Log Entry List Actions

Using the [Find Dialog](#) window from the [Menu](#) or [Toolbar](#) control you can search for log entries that match text patterns, export log entries to a comma delimited text file and delete log entries from the Log Entry List . For more information please see [Menu](#) or [Toolbar](#).

3.1.5 Log Entry Docking Window

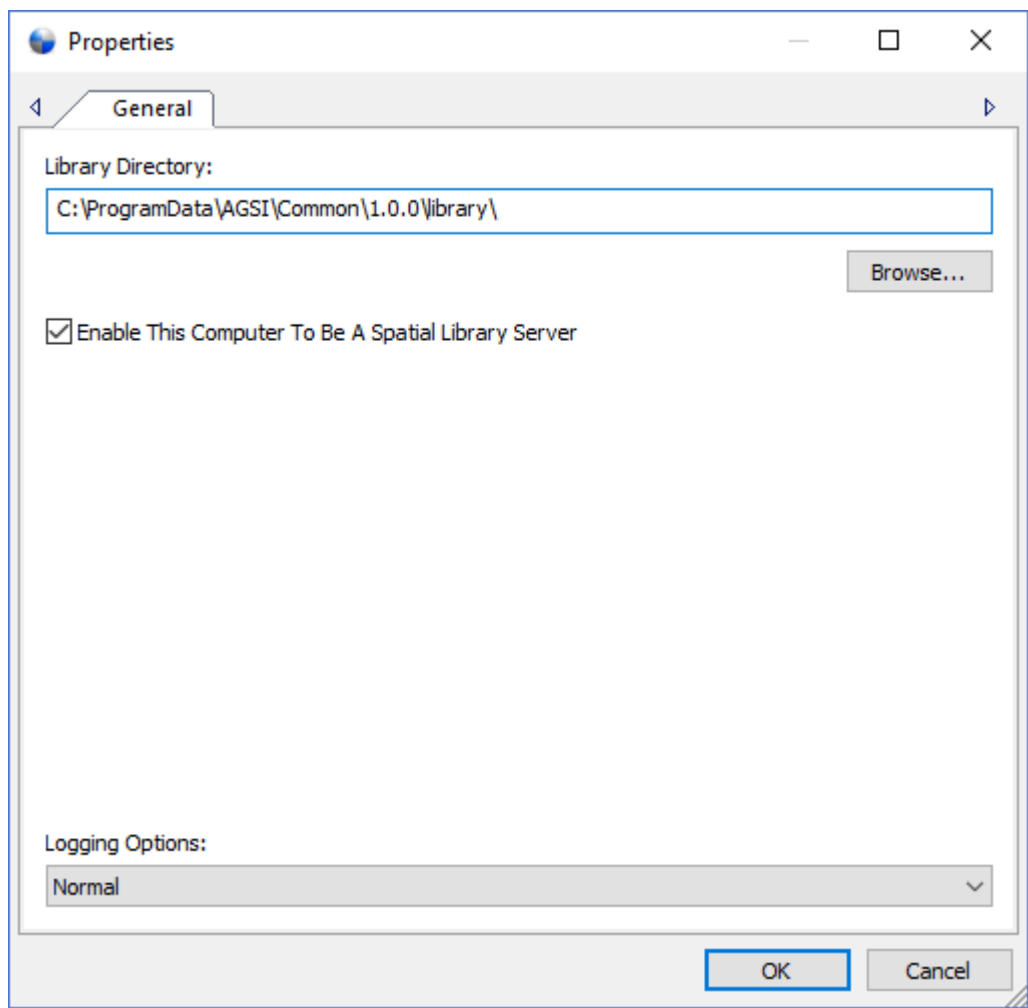


Log entry messages are displayed in the Log Entry Docking Window when a row in the [Log Entry List](#) is selected by either a left mouse click or the up and down arrows on the keyboard. When the [Log Entry List](#) is exported using the [Menu](#) or [Toolbar](#) commands the Log Entry message text is included in the Log Entry row.

Desktop Log Entry Docking Window Actions

The Log Entry Docking Window is a detachable window that can be turned on or off, float, or attach to any side of the main application window. It can also fade away as a tab and fade back on mouse over of the tab. Use the *View->Toolbars and Docking Windows* [Menu](#) option to show or hide the Log Entry Docking Window.

3.1.6 Properties Dialog



The dialog controls are:

- Library Directory**

Specifies the root directory path where the Spatial Library Window Services can store a library of catalogs. The Windows Service logon credentials must have sufficient access rights to the root Library Directory for creating, reading, writing and deleting directories and files. Use the Windows Services application from the Adminstration Tools in the Control Panel to set the logon credentials for the service named **AGSI Axis Library Service <version>** .
- Library Directory Browse**

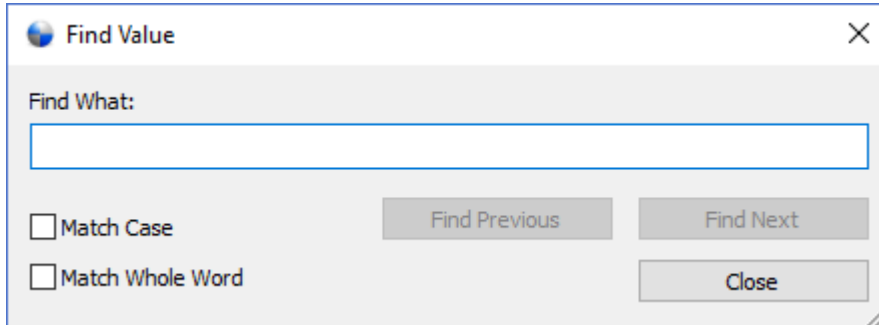
Launches a directory browse window to select the Library Directory path.
- Enable This Computer to Be A Spatial Library Server**

Check this option if you want this computer to be aSpatial Library Server for Map Publisher Professional Desktop applications. A Spatial Library Server is a computer that stores a library of catalogs that contain metadata about your geospatial data. In a shared deployment of Spatial Library Server you should select this option on only one computer and designate the other computers to be client workstations that associate with the Spatial Library Computer. In a personal deployment all services should be enabled on the client machine. By selecting or deselecting the option the Library Service will both be enabled or disabled accordingly.
- Logging Options**

The logging option influences how the Spatial Library Server Window Service logs its processing steps. The three possible logging options are Normal, Trafiiic and Debug. Normal is recommended when the system is running under normal circumstances and the log entries will be limited with only high level information such as stop, start, warning and error messages. Traffic is much more verbose

and will log events in more detail and should only be used when you want to get a picture of what is going on with your system but should be set back to Normal to avoid cluttering the log with useless information messages. Debug is the most verbose logging option and should be used to trouble shoot configuration and system problems.

3.1.7 Find Dialog



The dialog controls are:

- **Find What**

The search criteria to look for in the [Log Entry List](#) control. The find operation searches all the columns of the list and the log entry message text for a potential match. The cells or row with a match are highlighted in the list. The list will automatically scroll to the selected row as the search progresses through the list.

- **Match Case**

Specifies that any matches have the same case as the Find What text.

- **Match Whole Word**

Specifies that any matches match the entire Find What text.

- **Find Previous**

Moves the selection in the list to the next match, if one exists, moving up the list.

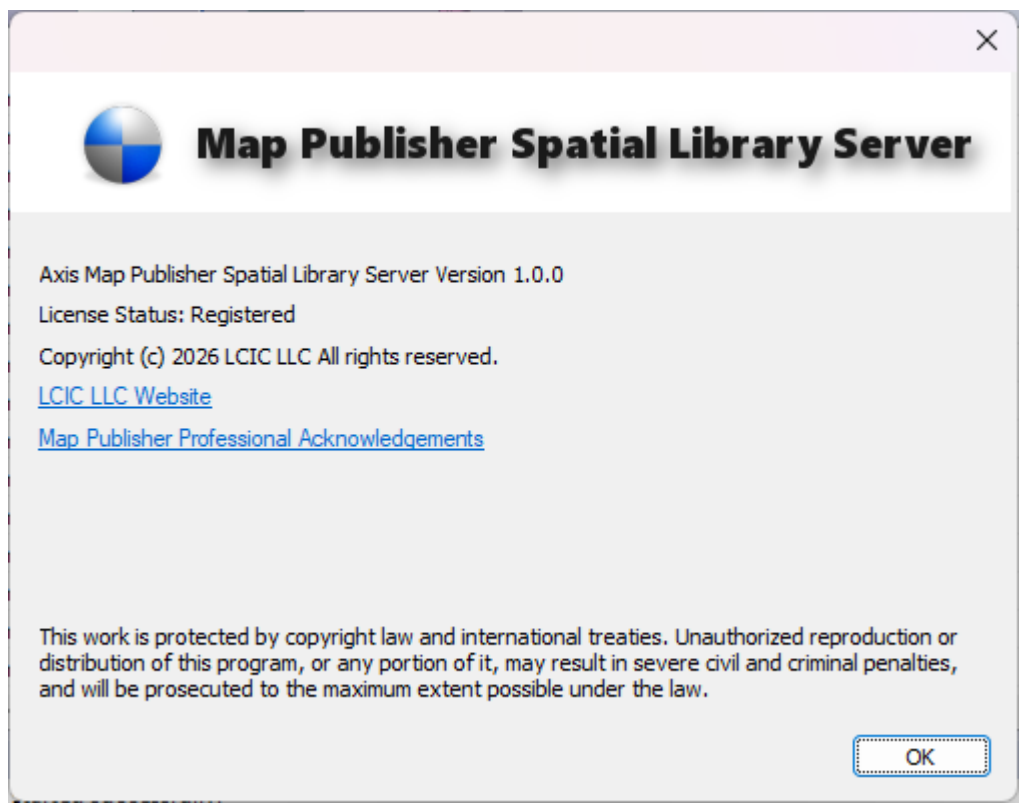
- **Find Next**

Moves the selection in the list to the next match, if one exists, moving down the list.

- **Close**

Closes the Find Dialog window.

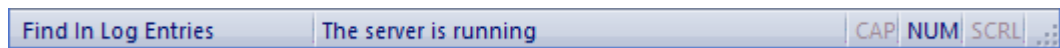
3.1.8 About Dialog



The dialog controls are:

- **Product Name and Version**
Specifies the name of the product and version.
- **License Status**
Specifies the status of the license if in trial mode, expired or licensed.
- **Copyright**
Specifies the copyright and manufacturer of the product.
- **Links**
Provides links to the manufacturer website for more information about products and software acknowlegments.

3.1.9 Status Bar



The status bar panes are:

- **Mouse Target Control Text**
Displays the control help tip when the mouse cursor is over a control such as a button or menu item.
- **Server Status**
Displays the server as status as either started or stopped.
- **CAP Lock**
Displays if the keyboard caps lock key is toggled on or off.

- **NUM Lock**

Displays if the keyboard number lock key is toggled on or off.

- **SCRL Lock**

Displays if the keyboard scroll lock key is toggled on or off.

Use the View->Toolbars and Docking Windows [Menu](#) option to show or hide the Status Bar Window.

3.2 Server

3.2.1 Overview

Spatial Library Server is a Windows Service that manages a library of catalogs that contain metadata about the geospatial files on your network. The Map Publisher Desktop Application submits catalog import tasks to the Parallel Processing Service to interrogate your network for geospatial data. Metadata is parsed from the files that are discovered and normalized into a spatial data structure that is optimized for visualization and data processing. Files are grouped and classified in a way that is logical and easy to use. Users can create personal libraries on their desktop computers and create shared libraries on server computers that everyone can access. The Map Publisher Desktop application has a Library Docking Window that allows the user to create, visualize and manage the libraries contents locally or remotely. Once the Spatial Library Server is installed, configured and running you only need to use the Library Desktop application if you want to inspect the system logs.

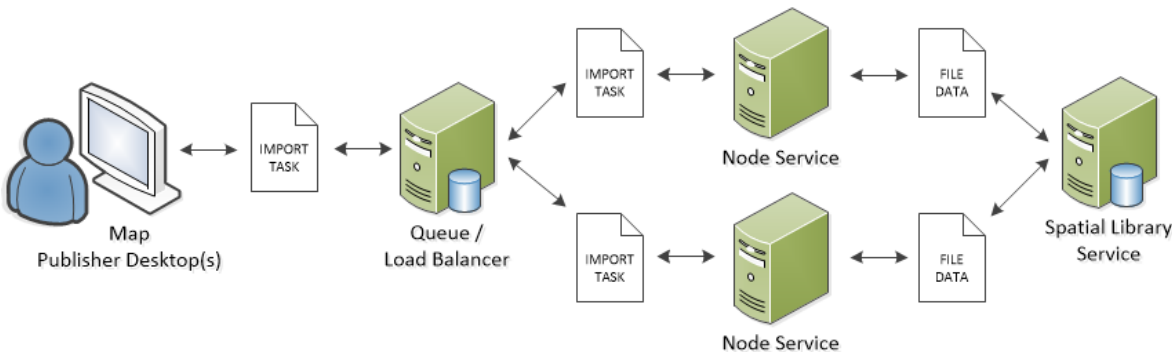
Library Service

The Library Service is a Windows Service named "**AGSI Axis Library Service <version>**". The Library Service is responsible for storing and querying the catalog metadata and delivering it to the Map Publisher Desktop applications for visualization and processing. To use the Library Service you first connect to it from Map Publisher Desktop and then import data into the library using the Library Docking Window catalog menu in Map Publisher Desktop. To read more about importing data and using it from Map Publisher Desktop please read below.

Windows Services are special applications that are allowed to run under a designated user account, have no user interface and can stay running when users are logged off of the computer.

Import Task Workflow

The diagram below illustrates how a library import task travels through the parallel processing system from Map Publisher Desktop to the Library Service in a distributed deployment. The same workflow occurs when all services are deployed on the same machine.

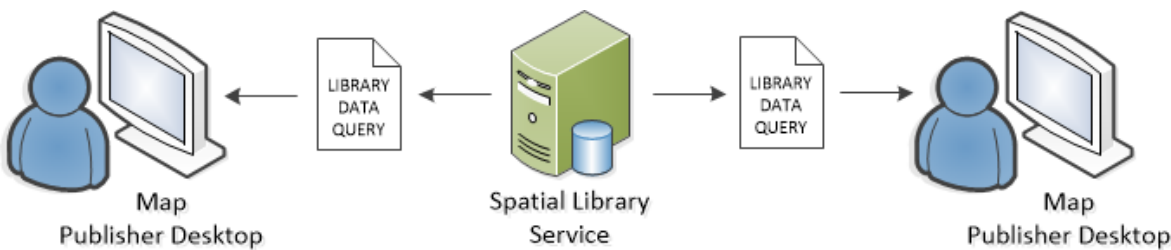


In the diagram above the life cycle of the library import task is:

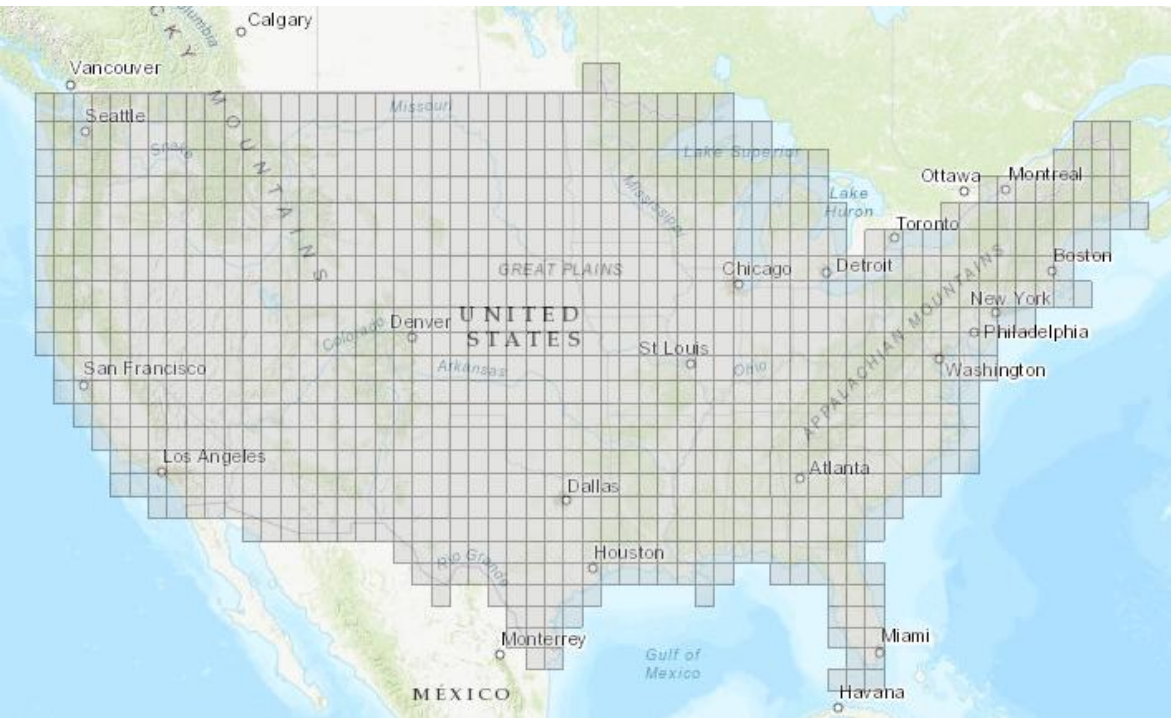
1. The library import task is created by the Map Publisher Desktop user. In this use-case scenario the import task is to import a National Elevation Dataset (NED) that covers the continental United States.
2. The user submits the import task to the Parallel Processing Queue service.
3. The Queue service receives the task request and distributes the tasks of interrogating the network files to the Worker Node Services.
4. The Worker Node Services open the image files and strip metadata from the file headers and sidecar files.
5. The metadata is packaged up and delivered to the Spatial Library Service.
6. The Spatial Library Service normalizes the metadata in then stores it in the catalog dataset containers.
7. When the import task has completed a notification is sent to the Map Publisher Desktop application and a balloon window is displayed to alert the user. The Task Docking Window in Map Publisher Desktop will also reflect the change in task status to completed. Using the Task Docking Window in Map Publisher Desktop the user can view the task details and log messages. To learn more about the Task Docking Window and creating tasks read the help documentation that is part of Map Publisher Desktop.
8. The Map Publisher Desktop Library Docking Window automatically refreshes when the import task is complete to show the newly imported catalog datasets. The user can now visualize the data on the map or process the data with one of the many data processing utilities in Map Publisher Desktop.

Library Visualization

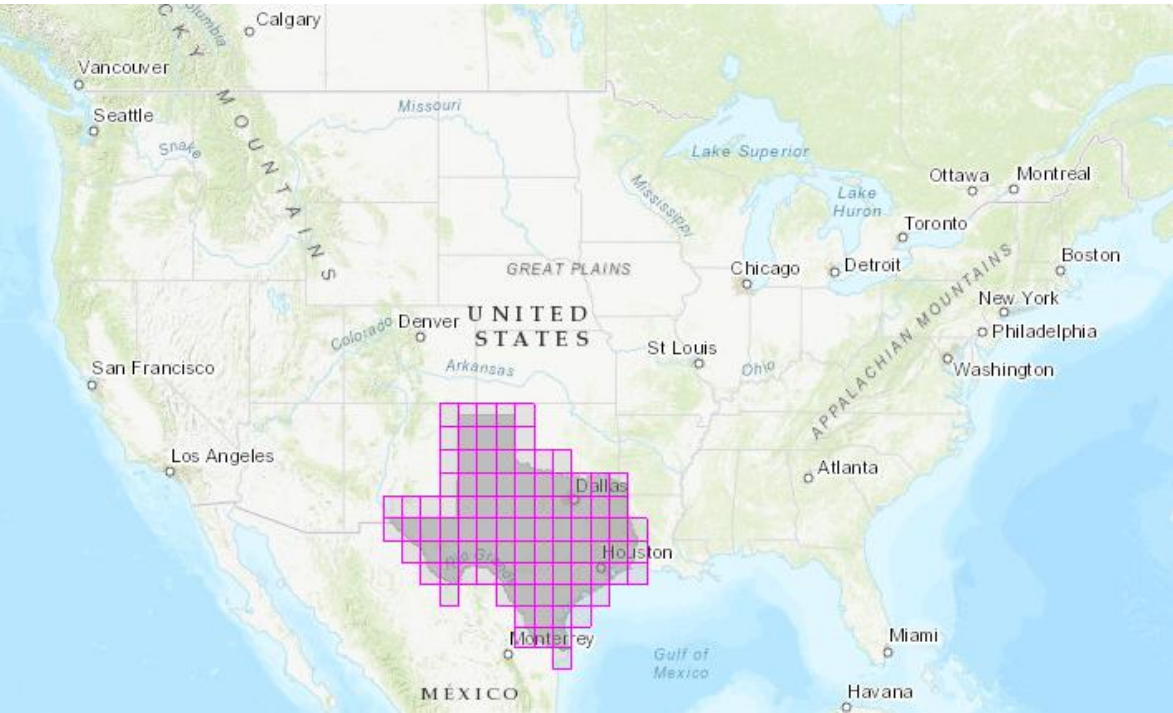
After data has been imported into the library, users can visualize footprints, metadata, geometry and / or pixels in the Map Publisher Desktop application. Users can select data for processing using one of several advanced selection tools. Data can be sorted by one or more attribute fields in the metadata. Catalog datasets can be styled and organized on a per user basis and default styles can be applied to shared libraries. The diagram below depicts multiple users accessing a shared Spatial Library Service.



The screenshot below shows the results from importing the NED dataset as described above in Map Publisher Desktop:



The next screenshot shows catalog items that have been selected for a mosaic operation using a shape file of Texas as a spatial filter:



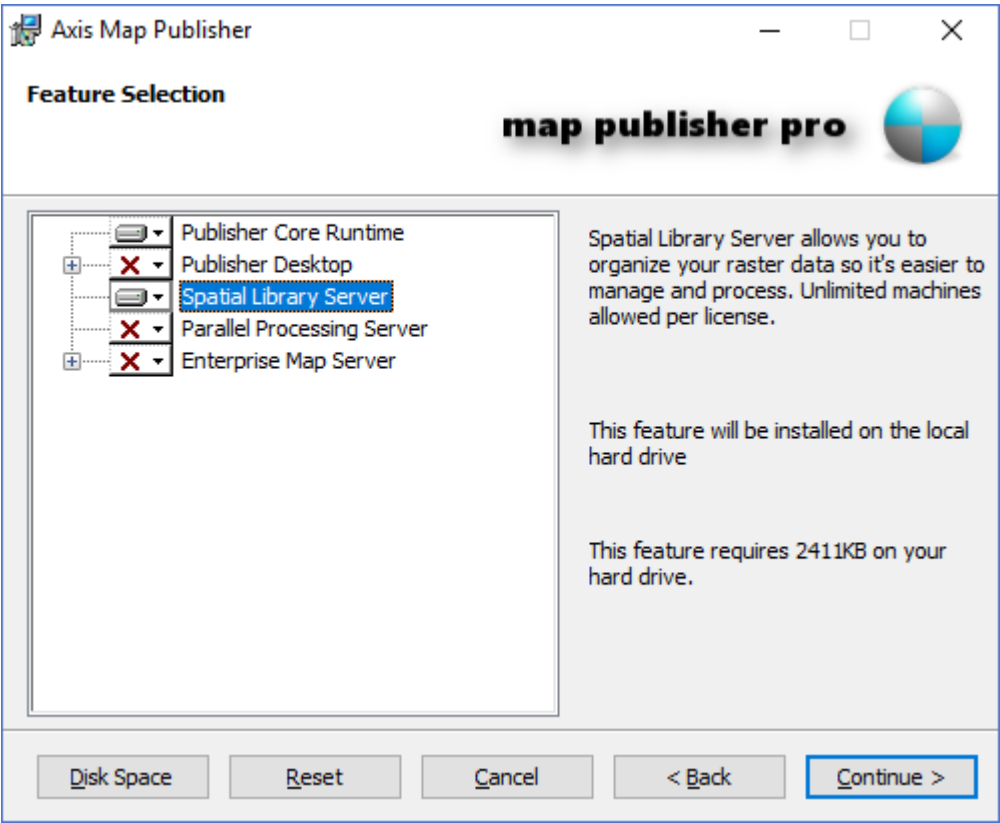
To read more about working with libraries, catalogs and datasets and how to query, sort, select and process data in the library see the help guide for Map Publisher Desktop.

3.2.2 Library Service

The library service is storage repository of metadata collected from geospatial files on your network. The service is responsible for creating, indexing, querying, editing and deleting catalogs, datasets, features and styles.

Library Service

The Library Service is a Windows Service named "**AGSI Axis Library Service <version>**". Windows Services are special applications that are allowed to run under a designated user account, have no user interface and can stay running when users are logged off of the computer. The library service is primarily utilized by Map Publisher Desktop and can be installed on the same computer as Map Publisher Desktop or on a seperate computer that can be shared by many installations of Map Publisher Desktop. See the topics that start with "**Deploy**" in the [How To](#) section of this help documentation to learn more about Spatial Library Server deployment strategies. The Library Service is installed as part of the Spatial Library Server in the installer package as shown in the screenshot below:

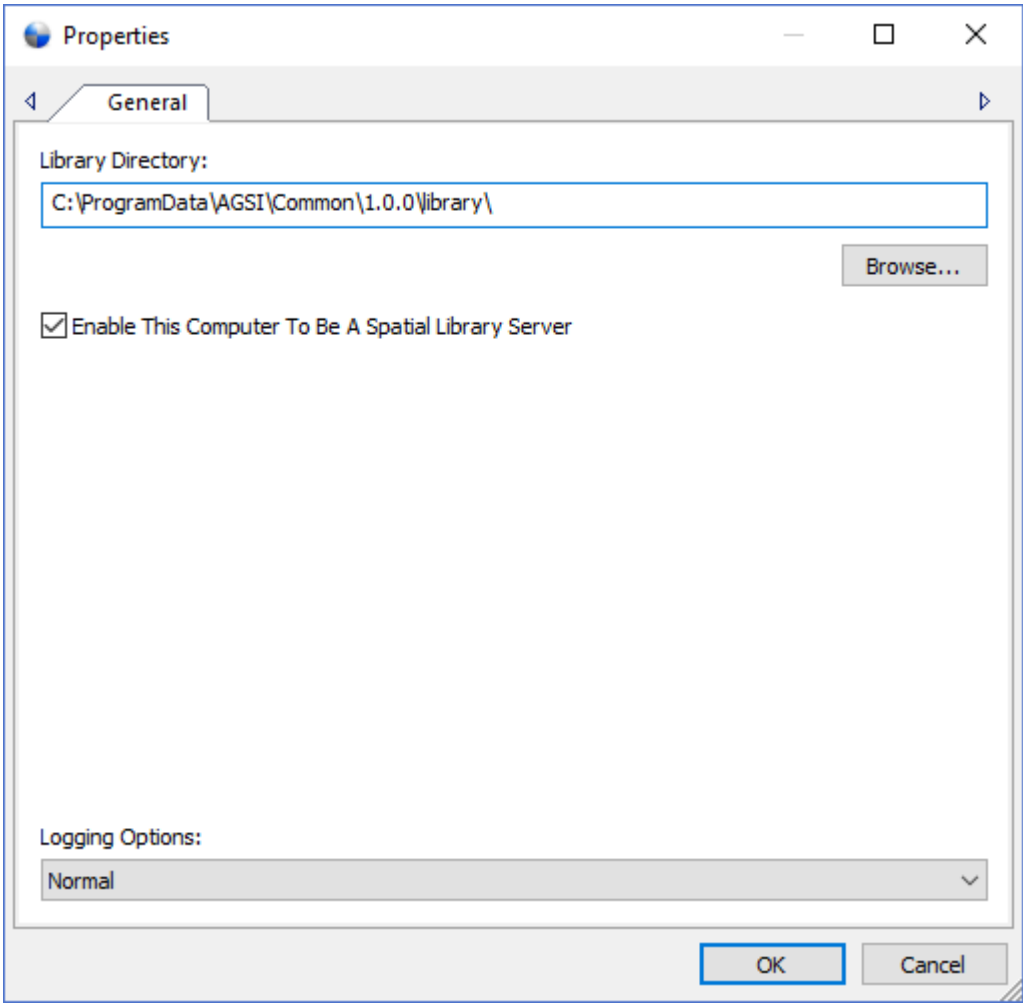


Library Service Licensing

Library Service is feature of Map Publisher Professional and requires one license per installation. . To learn more please visit <https://www.lcic.xyz/axis/licensing.html> for more information.

Library Service Configuration

Users can configure the Library Service using the [Library Desktop Properties Dialog](#) . Users can manage additional Windows Services properties using the Microsoft Services MMC console application. To use the MMC console go to *Control Panel->Administrative Services->Services*and double click the service named "**AGSI Axis Library Service <version>** " to see a list of Windows Service properties. The Library Service can be enabled or disabled using either the [Library Desktop](#) application or Microsoft Services MMC console application. The screenshot below shows the option named " **Enable This Computer To Be A Spatial Library Server** " that enables or disables the Library service:



Library Service Event Log

The Library Service writes all system messages to the Windows Event Log and can be accessed using the [Library Desktop Log Entry List](#) or the Microsoft Event Log MMC console application. To use the MMC console go to *Control Panel->Administrative Services->Event Viewer* and navigate the tree control to "**Applications and Service Logs**" and look for the log file named "**AxisLibraryServer**". Please note that the messages in this log are system messages for the service and usually do not contain information about the details of a library task. Library task details should be accessed using the Task Docking Window in Map Publisher Desktop.

4. How To

4.1 Overview

- [Deploy a personal library](#)
How to install and configure Spatial Library Server as a personal library.
- [Deploy a shared library](#)
How to install and configure Spatial Library Server as a shared library.
- [Importing and Viewing Data](#)
How to import data into Spatial Library Server and utilize it with the Map Publisher Desktop application.

4.2 Deploy a Personal Library

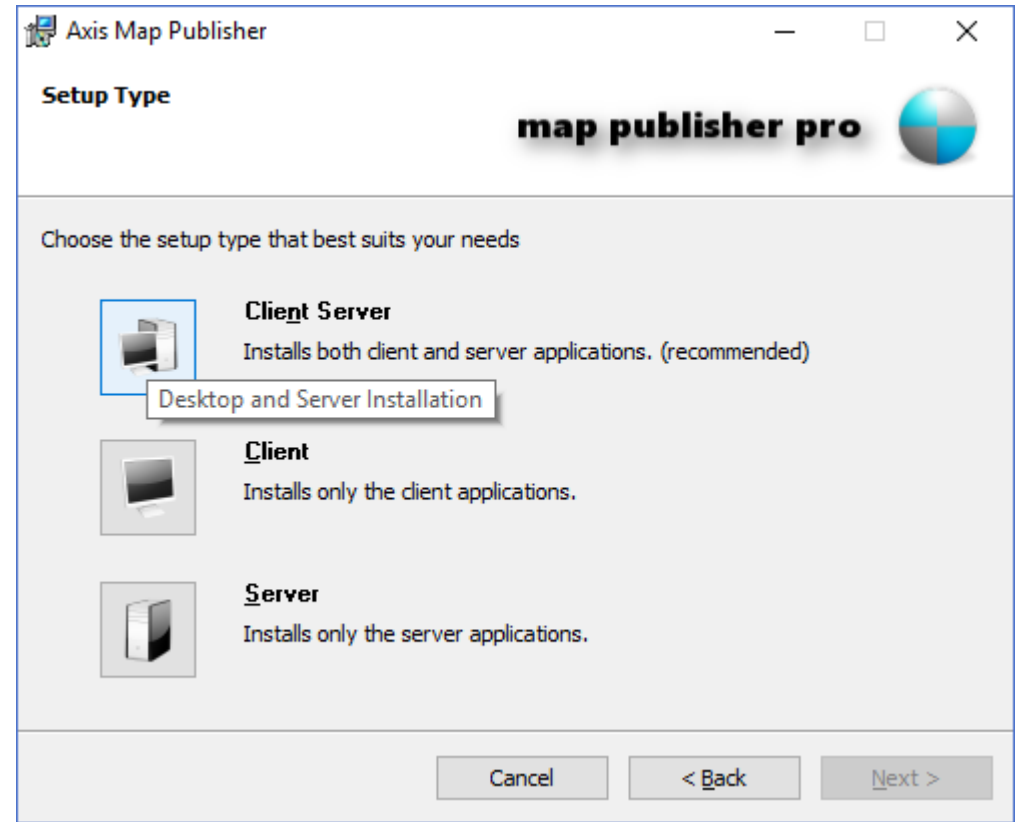


Deploying Spatial Library Server as a personal library is straight forward and simple because all application services are on the same machine and don't require any post installation configuration. This how to documentation assumes the user wants to install Map Publisher Desktop on a single computer and does not want to install Spatial Library Server on another machine.

Download the installer package (MSI) for Map Publisher Professional from <https://www.lcic.xyz/> if you don;t already have it. The installer package for 64 bit computers it is named **axis-pro-map-publisher-100-x64.msi** .

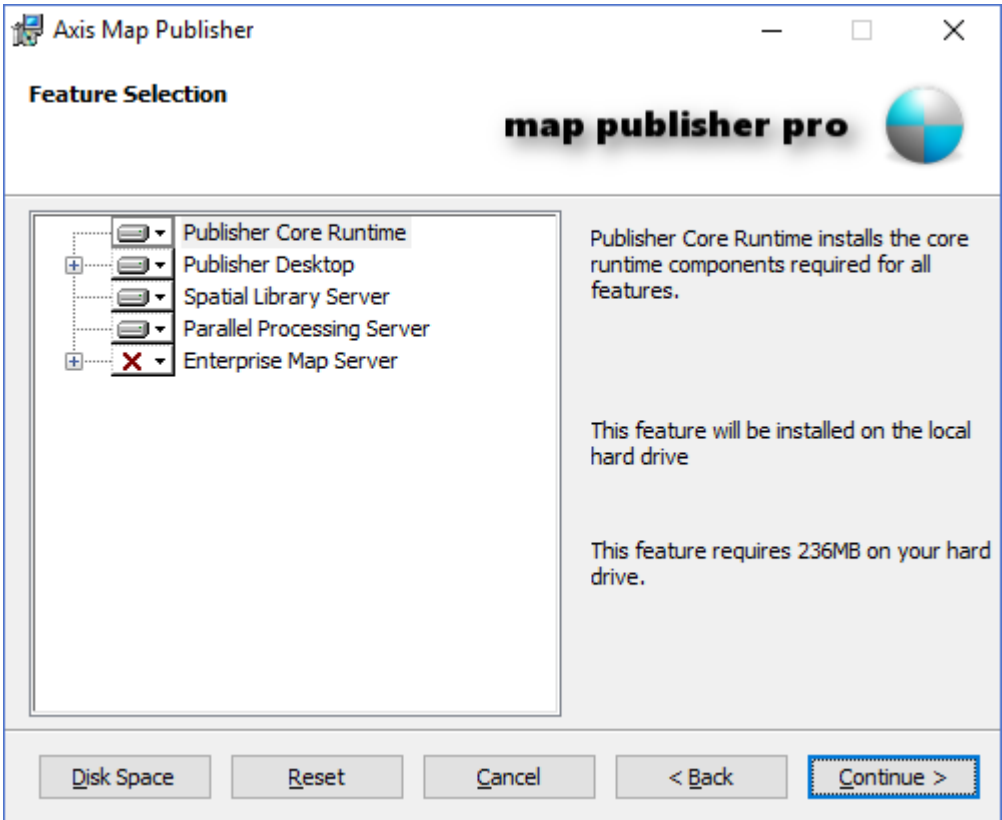
Step 1

Run the installer package and select the "**Client Server**" option in the "**Setup Type**" wizard page as shown below. This option selects the most commonly used application components for single computer use.



Step 2

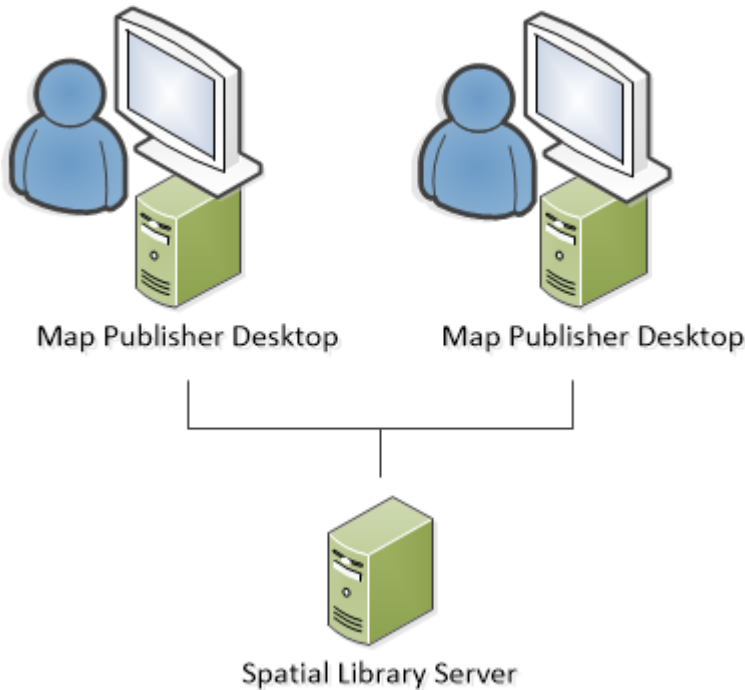
Keep the default selection on the "**Feature Selection**" page as shown below. Only select the "**Enterprise Map Server**" if you want to publish maps using Microsoft IIS Server from your machine. Publisher Desktop comes standard with a Personal Map Server that can also publish maps on the web but is more lightweight than installing IIS. To learn more about Publisher Desktop and Personal Map Server please refer to the documentation that comes with Publisher Desktop and Personal Map Server.



Step 3

Finish the installation. After installation you can run Map Publisher Desktop and import data into the Spatial Library Server start utilizing it without further configuration. For more information on how to utilize the Spatial Library Server using Map Publisher Professional please see [Importing and Viewing Data](#) .

4.3 Deploy a Shared Library



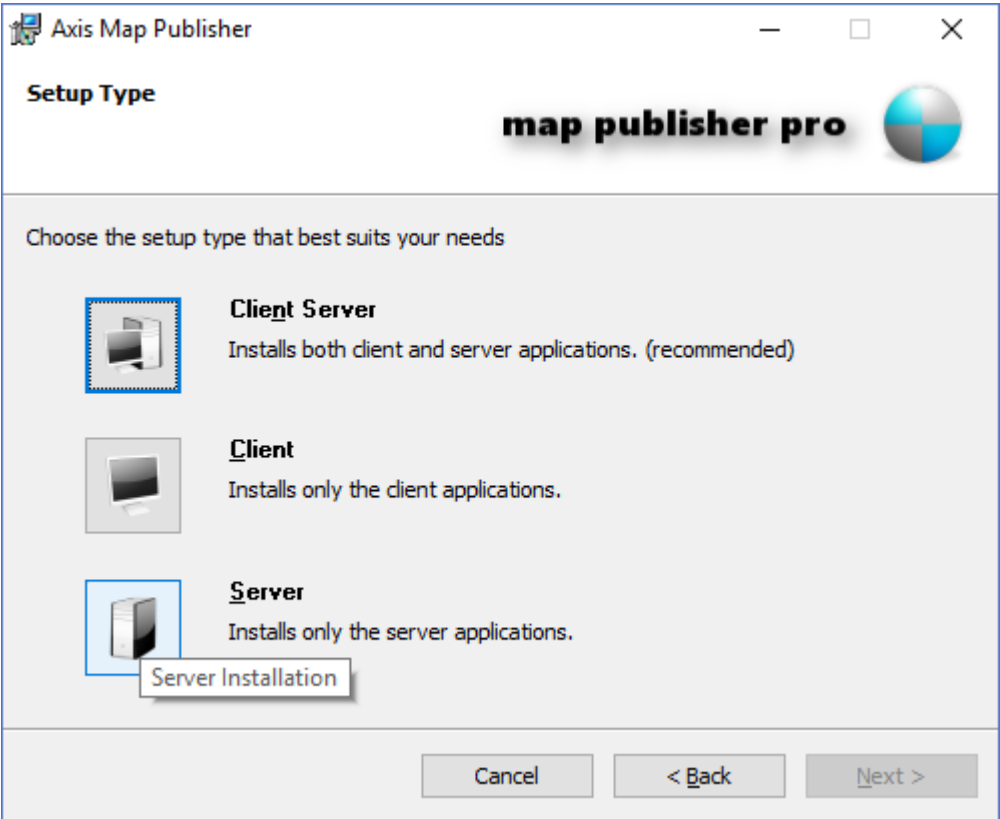
Deploying Spatial Library Server as a shared library assumes you want to run Map Publisher Desktop on one or more machines and the Spatial Library Server on a single machine. This is a good strategy if you have many users that need access to the same data. Users can still maintain personal libraries by running Spatial Library Server on their personal workstations while simulataneously accessing the data on the shared server.

Download the installer package (MSI) for Map Publisher Professional from <https://www.lcic.xyz/> if you don;t already have it. The installer package for 64 bit computers it is named **axis-pro-map-publisher-100-x64.msi** .

Spatial Library Server Computer Installation

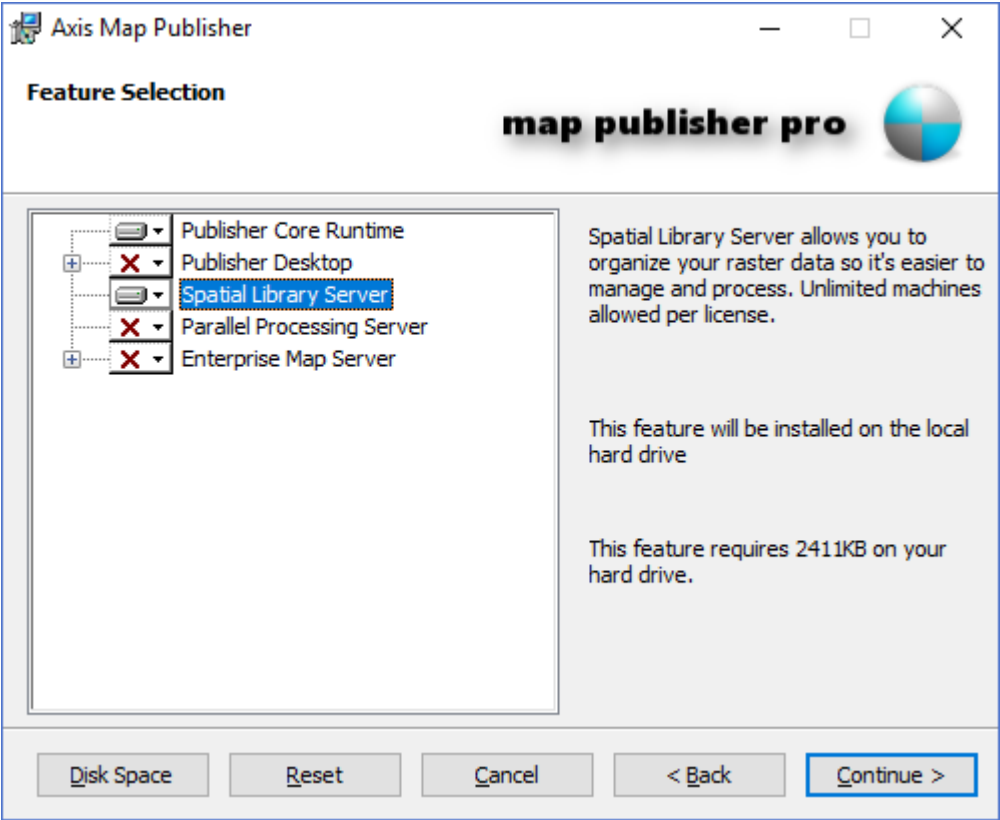
Step 1

Run the installer package and select the **"Server"** option in the **"Setup Type "** wizard page as shown below. This option selects the most commonly used application components for server computer use.



Step 2

On the **"Feature Selection"** page unselect the **"Parallel Processing Server"** and **"Enterprise Map Server "** options as shown below.



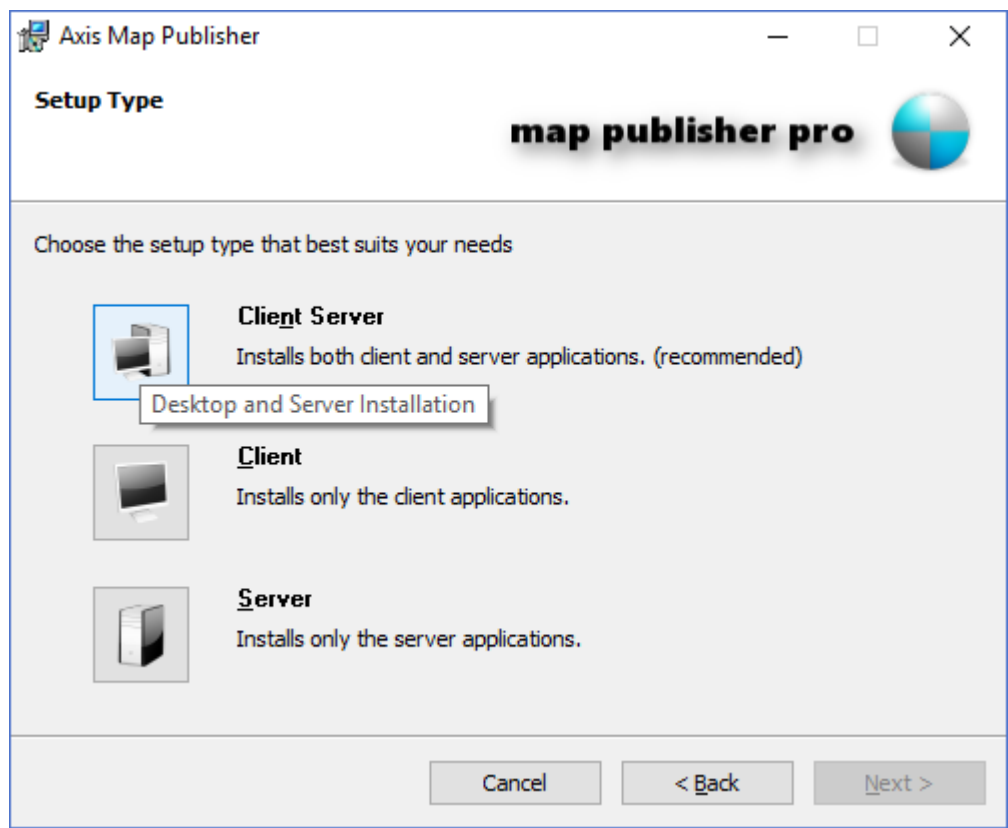
Step 3

Finish the installation.

Map Publisher Desktop Computer Installation

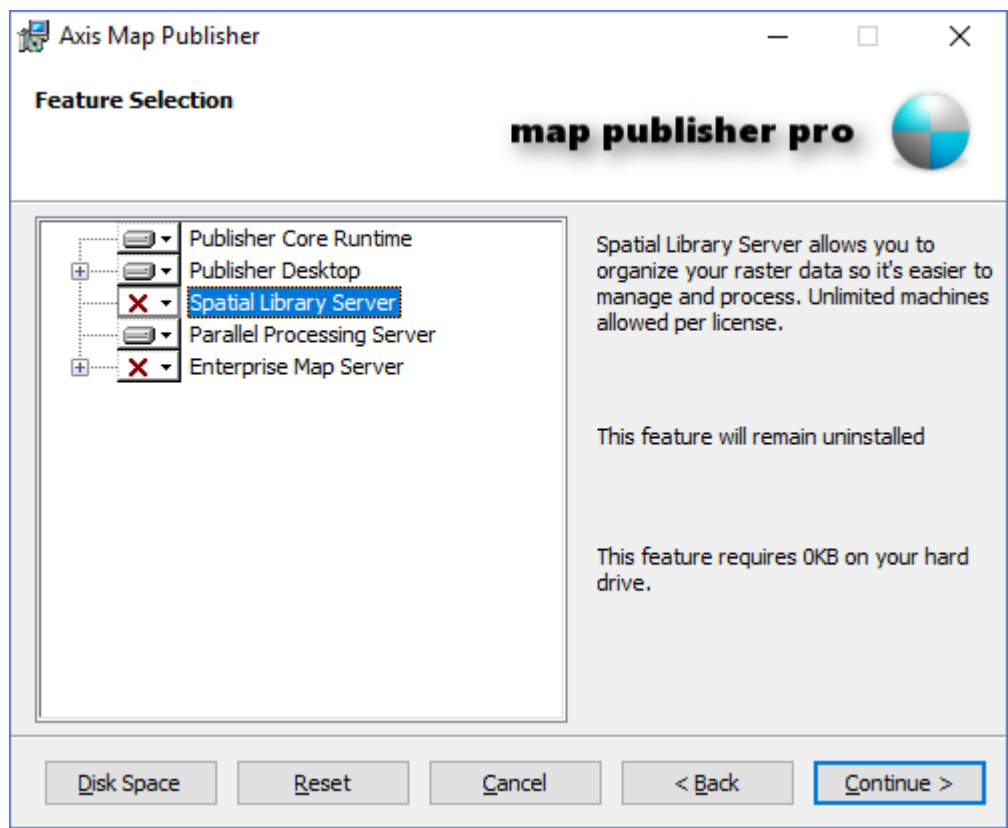
Step 1

Run the installer package and select the **"Client Server"** option in the **"Setup Type"** wizard page as shown below. This option selects the most commonly used application components for single computer use.



Step 2

On the **"Feature Selection"** page unselect the **"Spatial Library Server "** option as shown below if you don't want a personal library installed.

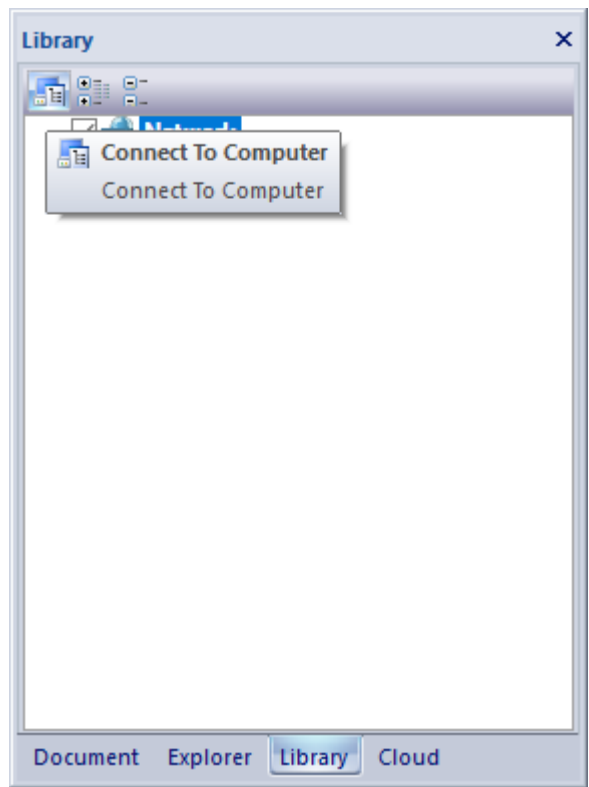


Step 3

Finish the installation.

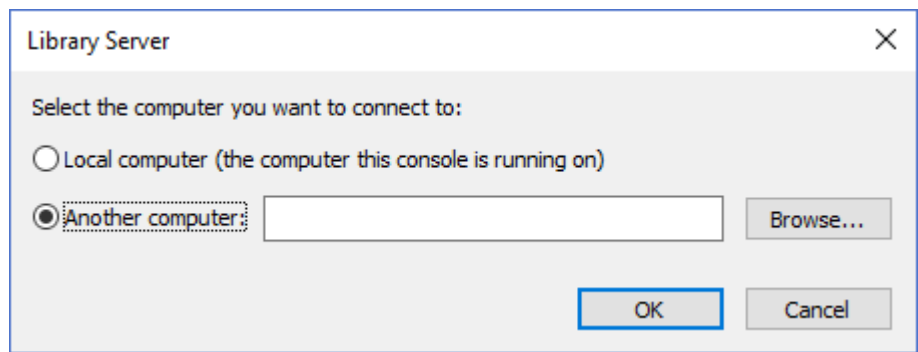
Step 4

Run the Map Publisher Desktop application that was just installed in the last step and click the **"Connect To Computer"** toolbar button in the Library Docking Window to display the Library Server Dialog as shown below.



Step 5

In the Library Server Dialog window select the **"Another computer"** radio button and then use the **"Browse"** button or type in the text box the name of the computer where you installed Spatial Library Server and then click the **"OK "** button. The Library Server dialog will attempt to connect to the Spatial Library Server on the machine specified. If the dialog fails to connect to the remote server, go to the remote computer and validate that the Spatial Library Server installation succeeded and that all the services are running.



If the connection succeeded you are ready to start utilizing the library service with Map Publisher Desktop. For more information on how to utilize Spatial Library Server using Map Publisher Desktop please see [Importing and Viewing Data](#) .

4.4 Importing and Viewing Data

The Map Publisher Desktop application utilizes the Spatial Library Server for visualizing and processing geospatial data. Managing geospatial data using Windows Explorer can be really difficult because Windows Explorer has no capability for describing where the data is located. File and directory names can be useful for organizing the files but nothing beats just seeing the data on a map. Additionally, Windows Explorer only displays limited details about the files and has no capability for exposing coordinate systems, resolution, ground sample distance, geometry type, metadata and other important geospatial

information. Map Publisher Desktop combined with Spatial Library Server provide a powerful yet simple to use interface that expose all the details contained in your geospatial files. Listed below are some possible things you can do with your data using Map Publisher Desktop and Spatial Library Server. For more information on using Spatial Library Server please refer to the help guide for Map Publisher Desktop.

Note: ROI stands for "Region Of Interest" which is a geometry that is created by the user on the map in Map Publisher Desktop using one of the ROI tools.

Management

- Use Multiple Libraries Simultaneously
- Create Catalogs
- Merge Catalogs
- Transfer Catalogs
- Edit Catalogs
- Delete Catalogs
- Scan Files And Folders For Geospatial Data Files
- Filter For Specific File Types When Importing

Visualization

- View Footprints on the Map
- View Pixels on the Map
- View Geometry on the Map
- Label Footprints
- Style Footprints
- Organize Footprints
- Select Footprints Using Rectangle Tool
- Select Footprints Using Feature Geometry
- Select Footprints Using Shape File Geometry
- Select Footprints Using Metadata Query
- Select Footprints Contained By ROI
- Select Footprints That Cross ROI
- Select Footprints Disjoint From ROI
- Select Footprints That Equal ROI
- Select Footprints That Intersect ROI
- Select Footprints That Overlap ROI
- Select Footprints That Touch ROI
- Select Footprints That Are Within ROI
- Select Footprints By Selecting Them From A List
- Zoom To Location of Footprints on the Map
- Turn On / Off Footprints in the Map
- Sort Footprints By Any Of The Metadata Fields In The List
- Filter and Search Footprints Using Metadata Attributes
- Export Footprints and Metadata To Shape Files

Raster Processing Tasks

- Batch Convert Coordinate System
- Batch Convert File Format
- Batch Convert Palette To RGB
- Batch Convert RGB To Palette
- Batch Create Contour Lines
- Batch Create Outline
- Batch Create Histograms
- Batch Create Mosaic
- Batch Create Pyramids
- Batch Create Relief Map
- Batch Create Virtual Mosaic
- Batch Create Tiles From Files

Vector Processing Tasks

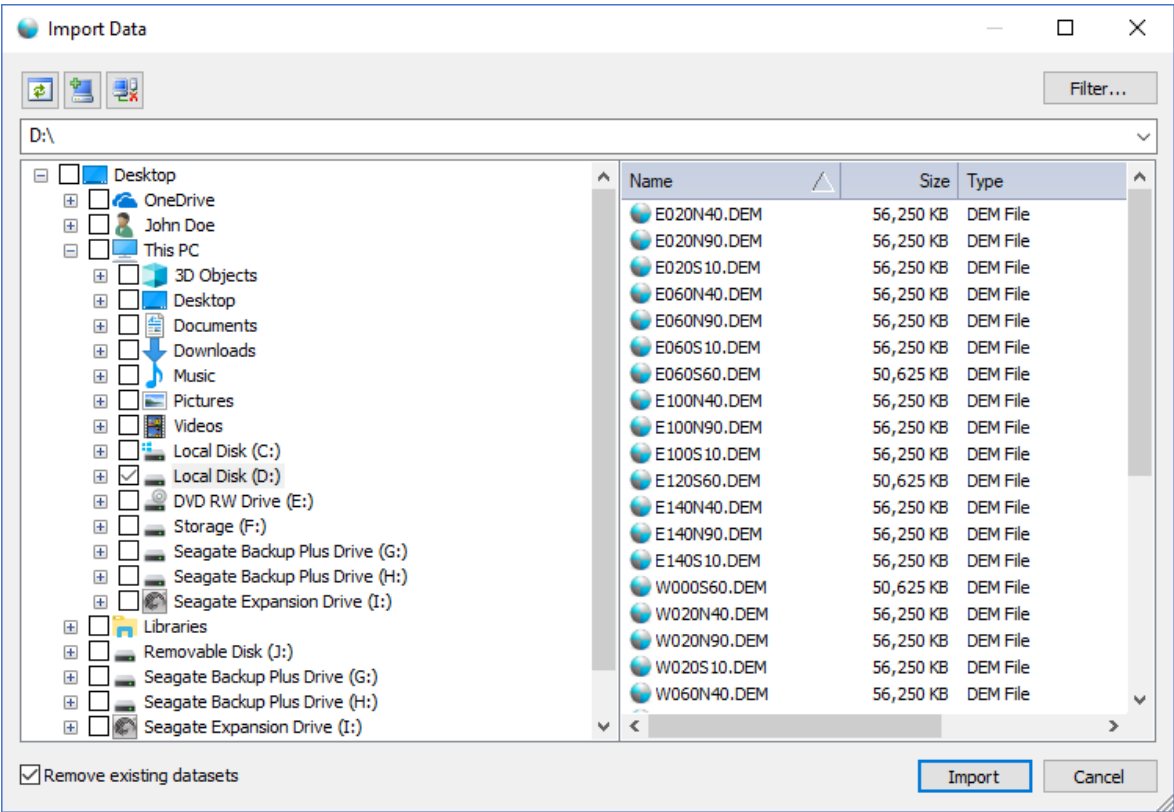
- Batch Convert Coordinate System

- Batch Convert File Format

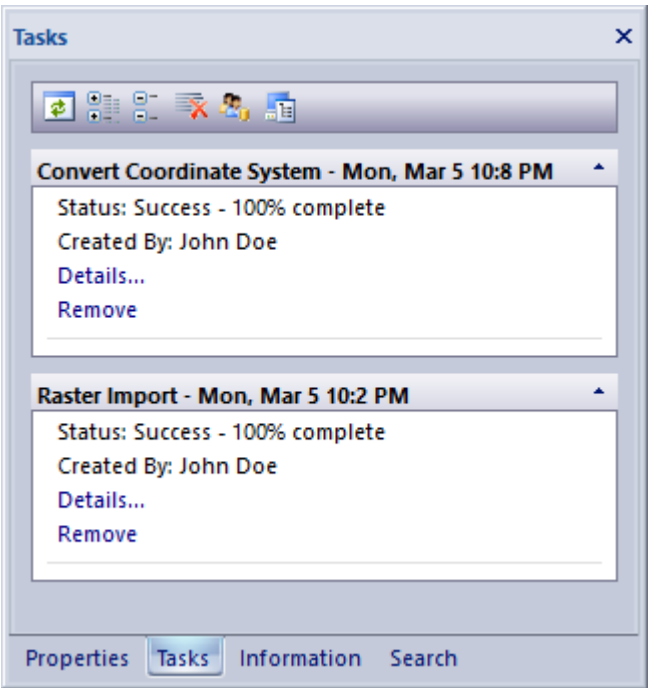
Cloud Processing Tasks

- Batch Download
- Batch Upload
- Batch Delete

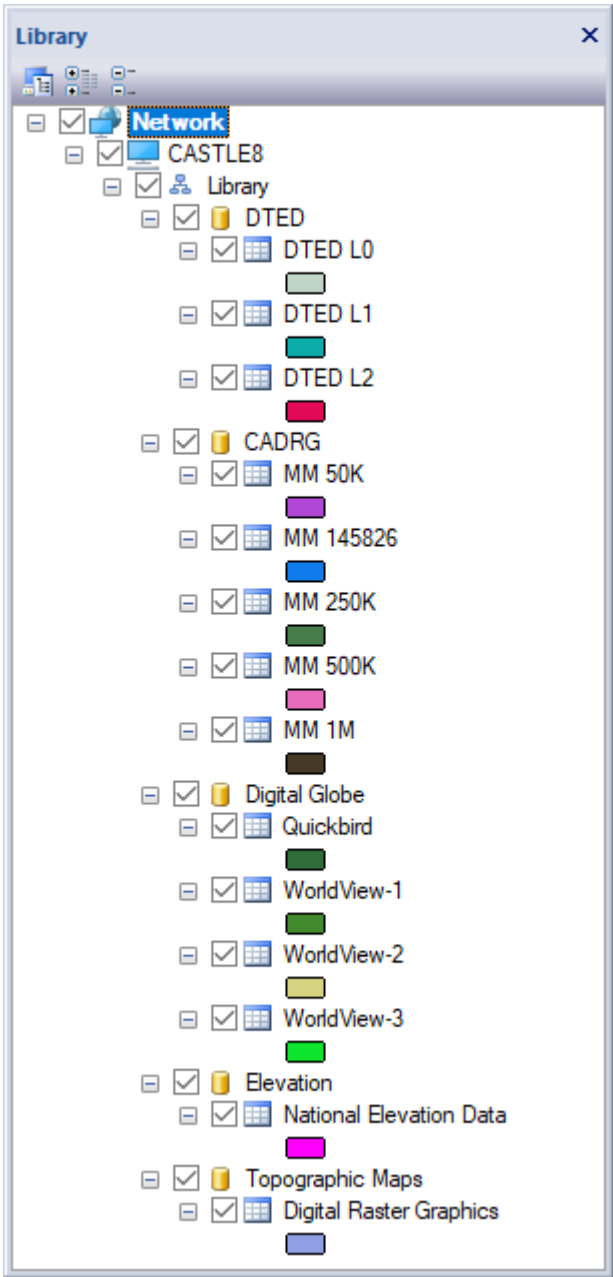
Displayed below is a screenshot of the Library Import dialog window in the Map Publisher Desktop application:



Access the dialog above by using the Map Publisher Desktop Library menu from the Library Docking Window toolbar. Check the drives and / or directories you want to interrogate in the tree control and click the "Import" button. The task will be transmitted to the Parallel Processing Server for execution. Use the Tasks Docking Window shown below to monitor the progress of the task.



When the task is completed use the Library Docking Window to view the results as shown below.



Select a Catalog Dataset in the library tree control shown above to display the Metadata Details as shown below.

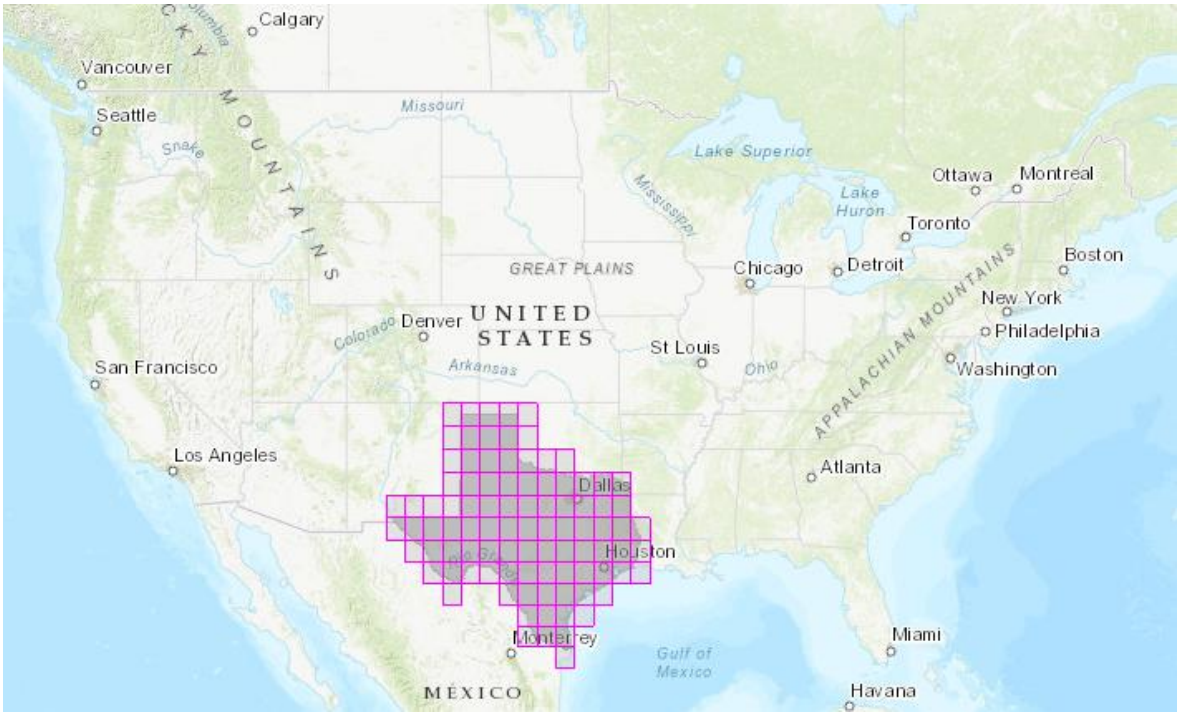
Features: 69 total 69 visible 0 selected

				FID	PRODUCER	PRODUCT	DATE	FOLDER	FILE	DATATYPE	S
☒	☐	☐	☐	0	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	1	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	2	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	3	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	4	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	5	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	6	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	7	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	8	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	9	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	10	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	11	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	12	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	13	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	14	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	15	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V
☒	☐	☐	☐	16	DigitalGlobe	GeoTIFF	2012:08:08 15:4...	F:\Data\Raster...	11SEP26191437...	24bppRGB	V

View the coverage footprints of the Catalog Datasets as shown below.



Use complex spatial operations to select the data you want to process. The screenshot below uses a shape file of Texas to select intersecting Dataset Features:



Right click the Catalog Dataset and select from one of many possible tasks from the popup menu. The screenshot below shows the dialog for submitting a mosaic task from the selected catalog datasets to the Parallel Processing Server:

Raster Operation - Create Mosaic

Raster create mosaic will mosaic the selected files into the specified output file. The application will reproject each of the input files into the output file coordinate system and apply the outline geometry if desired. Select one or more files to create the mosaic.

Files To Process:

D:\Data\Raster\Ned\ned_conus_from_eros_20111031\NED_13\img\grdn06e163_13.img

D:\Data\Raster\Ned\ned_conus_from_eros_20111031\NED_13\img\grdn06e162_13.img

D:\Data\Raster\Ned\ned_conus_from_eros_20111031\NED_13\img\grdn07e152_13.img

D:\Data\Raster\Ned\ned_conus_from_eros_20111031\NED_13\img\grdn07e151_13.img

D:\Data\Raster\Ned\ned_conus_from_eros_20111031\NED_13\img\grdn07e134_13.img

D:\Data\Raster\Ned\ned_conus_from_eros_20111031\NED_13\img\grdn07e158_13.img

D:\Data\Raster\Ned\ned_conus_from_eros_20111031\NED_13\img\grdn08e134_13.img

D:\Data\Raster\Ned\ned_conus_from_eros_20111031\NED_13\img\grdn08e152_13.img

Remove All

Browse...

Please Select The Output File Format:

Geotiff File Format (.tif)

Please Specify The Output File Path:

Browse...

Please Select The Target Coordinate System:

WGS 84

Browse...

Clip Extent To:

Extent Of Source Images

Browse...

☒ Apply Outline

The Layer To Use For The Outline:

Texas

The Features To Use For The Outline:

Use Only The Selected Features

☒ Clip To Extent Of Outline

☒ Include All Pixels That Touch The Outline Edge

☒ Replace Existing

Advanced...

OK

Cancel

For a more detailed explanation of all the library processing workflows supported by Map Publisher Desktop and how to import and manage libraries, catalogs and datasets, please see the help documentation for Map Publisher Desktop that is accesible via the Map Publisher Desktop application using the Help menu or F1.

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