



Walkthrough - Import Results in QGIS

Once analysis results have been downloaded from the Asphalt Intelligence dashboard, the files can be opened or imported in a variety of software packages. This workflow focuses on QGIS, an open-source (free) software package that is widely used throughout the world. The latest desktop long term release of QGIS can be downloaded from the following link:

<https://qgis.org/download/>

The steps for using the official QGIS Plugin developed by Asphalt Intelligence are summarized below:

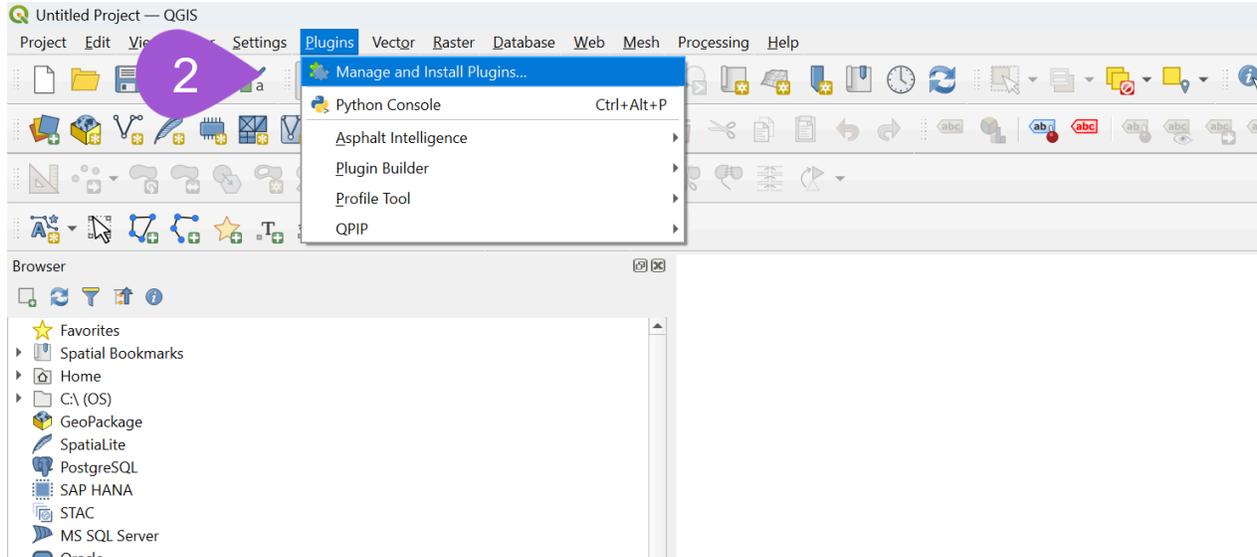
1. **Download** the latest stable release for QGIS and Start a New Project at <https://qgis.org/download/>.

The screenshot shows the QGIS website's download page. The main heading is "Download QGIS" with the subtitle "Spatial visualization and decision-making tools for everyone". A purple callout bubble with the number "1" points to the "Download 4.0" button. The page includes a navigation menu with "About", "Resources", and "Community" dropdowns, and buttons for "Download", "Donate", and a gift icon. A search bar is located in the top right corner. The main content area is divided into sections for "Online (OSGeo4W) installer", "Long Term Release 3.44", and "Latest Release 4.0", each with a corresponding download button. A sidebar on the left contains links for "Project", "Community", "Resources", and "Funding", along with an "Edit on GitHub" button. The footer contains the text "Download QGIS for your platform" and a paragraph of introductory text.

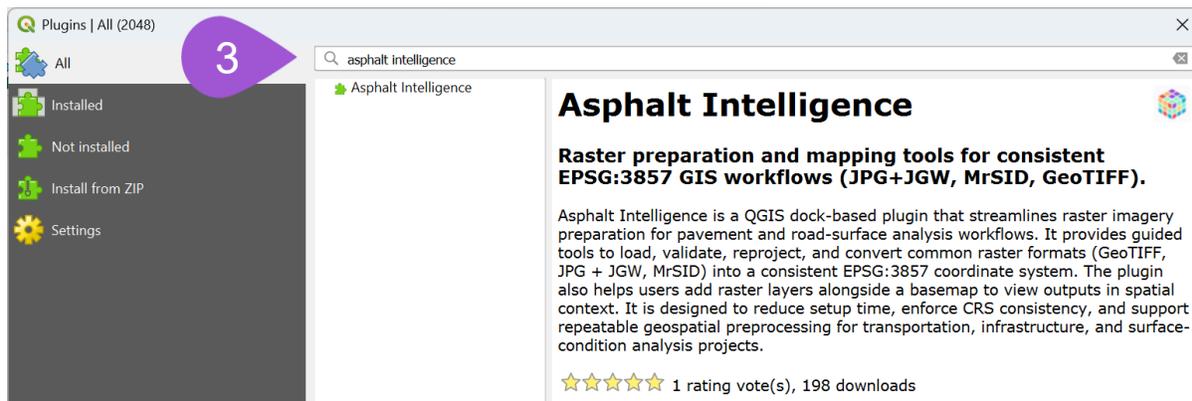


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2. Open QGIS and go to **Plugins → Manage and Install Plugins**.



3. Search for **Asphalt intelligence** in the Plugin Manager.





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4. Click Install Plugin.

The screenshot shows the QGIS Plugins window with the search term 'asphalt intelligence'. The 'Asphalt Intelligence' plugin is selected, and its details are displayed. The details include a description, a 5-star rating, and various tags. The 'Install Plugin' button is highlighted with a purple callout bubble containing the number 4.

Asphalt Intelligence
Raster preparation and mapping tools for consistent EPSG:3857 GIS workflows (JPG+JGW, MrSID, GeoTIFF).

Asphalt Intelligence is a QGIS dock-based plugin that streamlines raster imagery preparation for pavement and road-surface analysis workflows. It provides guided tools to load, validate, reproject, and convert common raster formats (GeoTIFF, JPG + JGW, MrSID) into a consistent EPSG:3857 coordinate system. The plugin also helps users add raster layers alongside a basemap to view outputs in spatial context. It is designed to reduce setup time, enforce CRS consistency, and support repeatable geospatial preprocessing for transportation, infrastructure, and surface-condition analysis projects.

★★★★★ 1 rating vote(s), 198 downloads

Tags [raster](#), [roads](#), [gdal](#), [reprojection](#), [imagery](#), [pavement](#)

More info [homepage](#) [bug tracker](#) [code repository](#)

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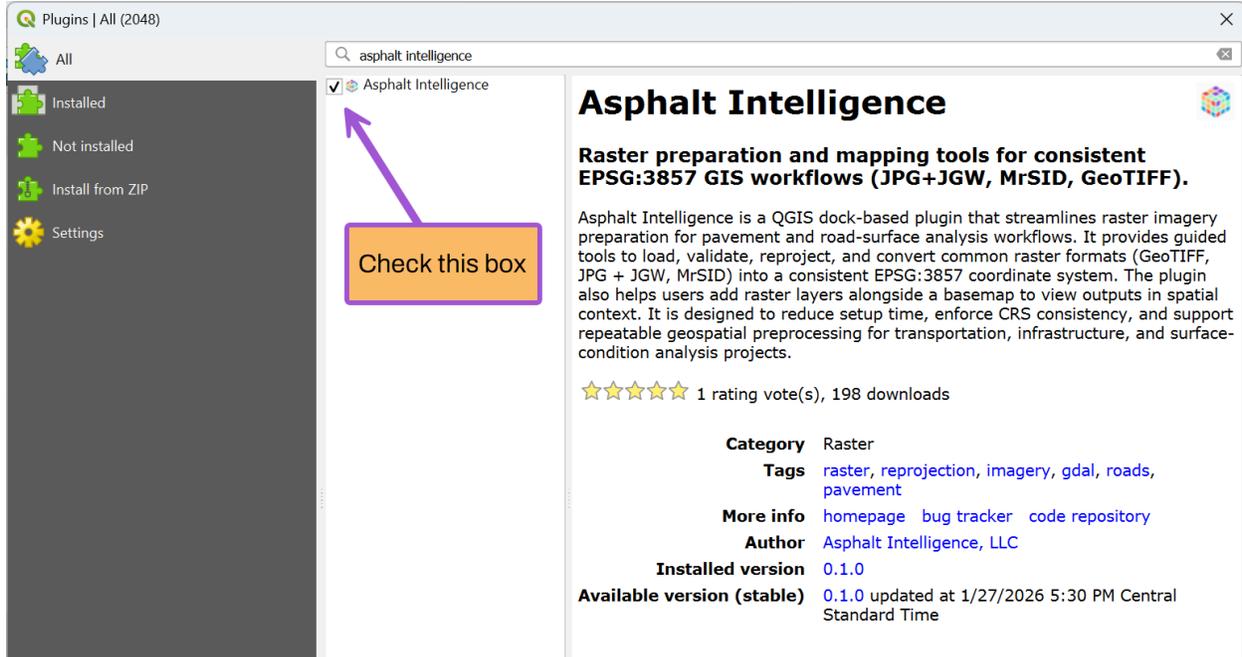
Available version (stable) [0.1.0](#) updated at 1/27/2026 5:30 PM Central Standard Time

Upgrade All Install Plugin
Close Help

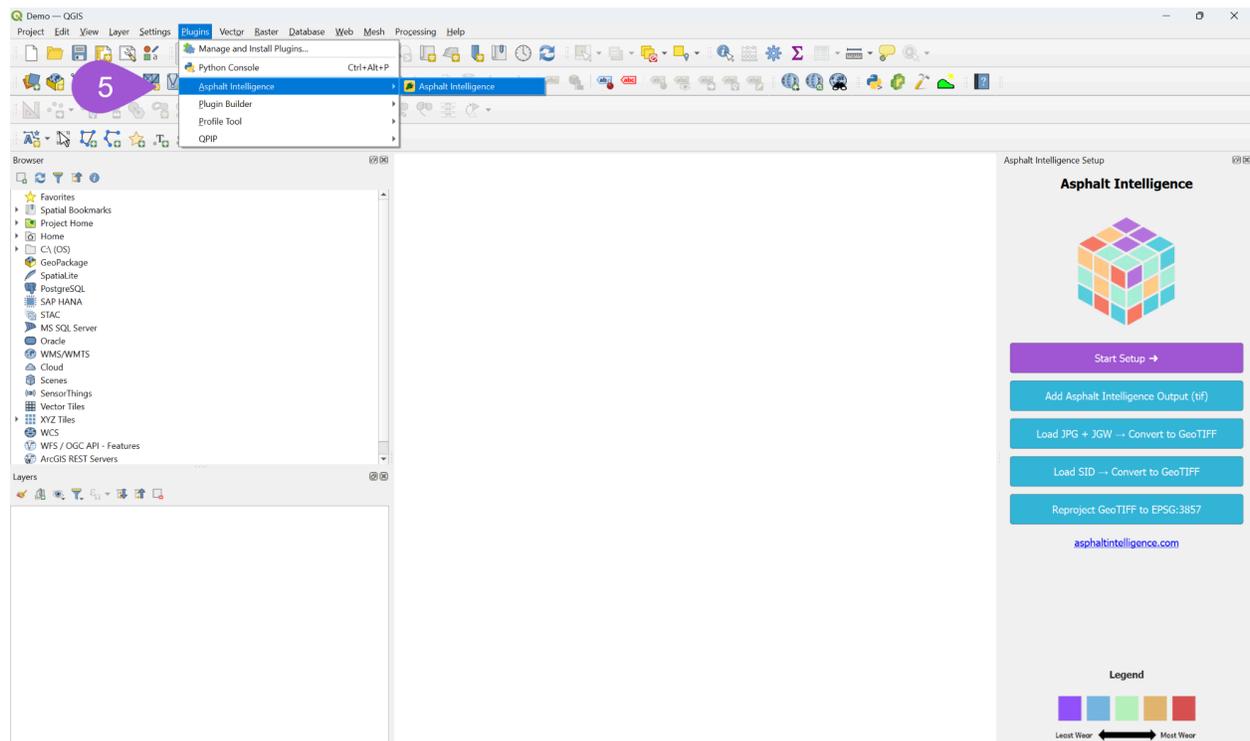


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*Make sure the checkbox next to Asphalt Intelligence is enabled so the plugin appears.



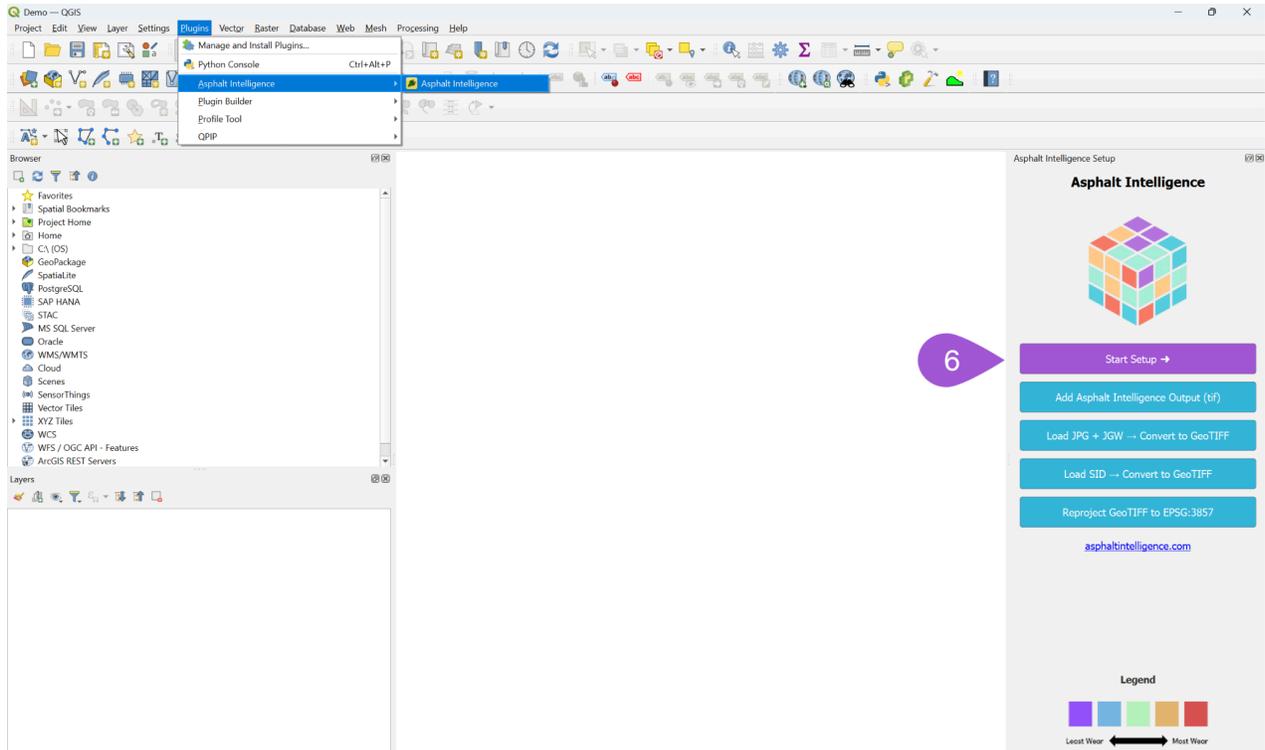
5. Launch the plugin from the QGIS toolbar or **Plugins** menu.



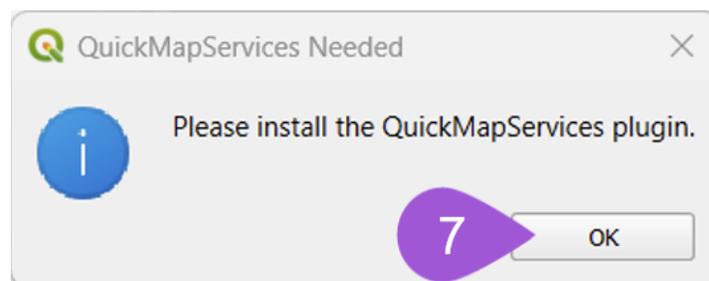


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6. Click **Start Setup**.



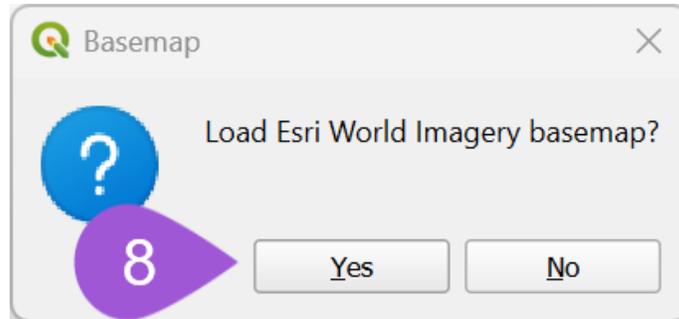
7. A dialogue will appear, click **OK**





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8. Click **Yes** to load ESRI world imagery (background)



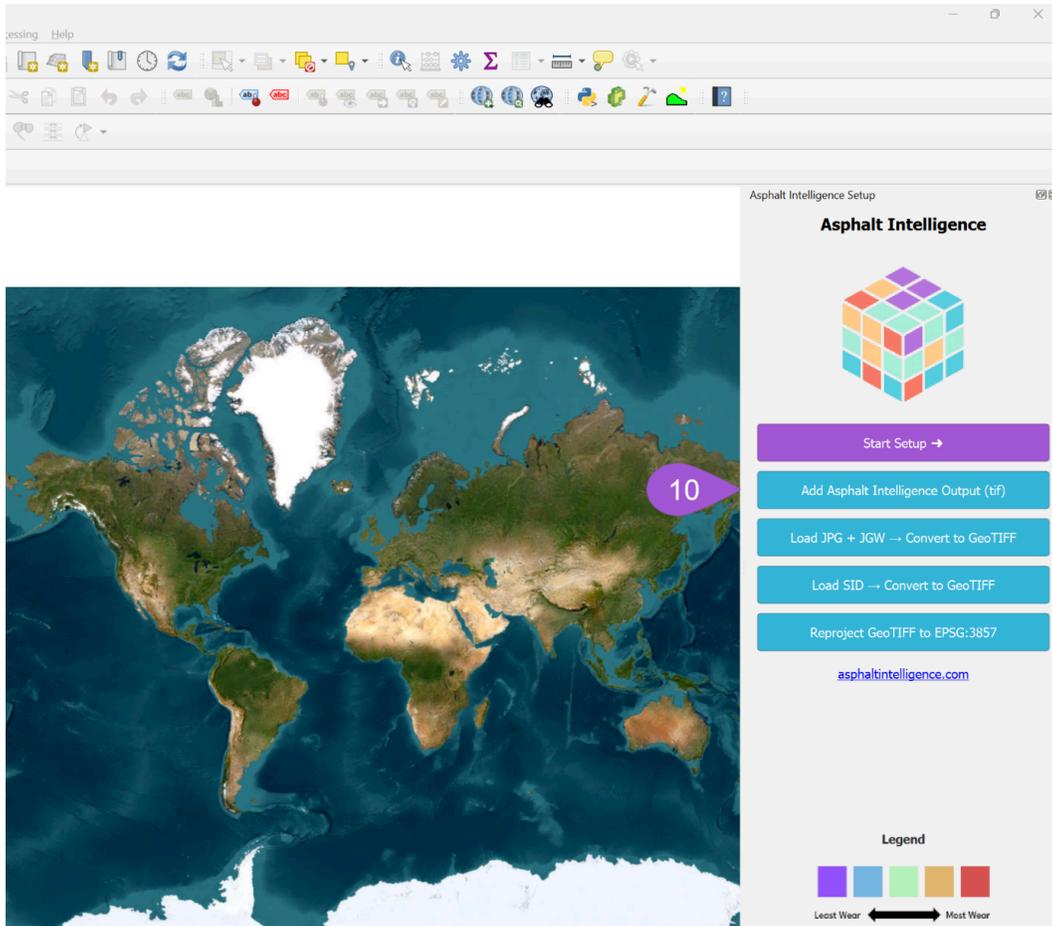
9. The world imagery will load, and EPSG 3857 will be indicated in the lower right of the screen





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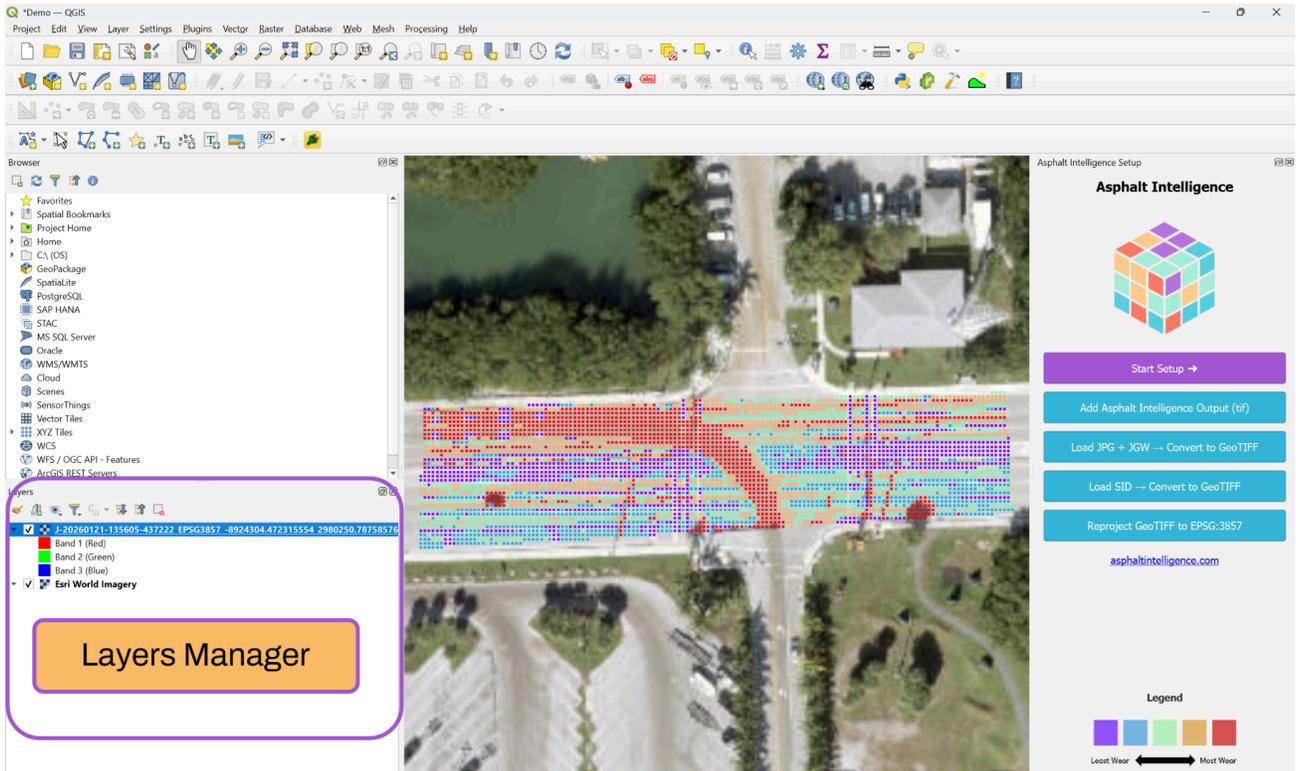
10. Click on **Add Asphalt Intelligence Output (.tif)**, and navigate to a downloaded, and extracted, analysis output file, and click **Open**





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11. Once loaded; the screen will zoom to the .tif location and show the analysis results. The left side of the screen shows the loaded file, additional output files can be loaded at the same time and turned on/off in the Layers manager





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Below are additional resources for loading the output files (.tif geolocated images) into other software packages:

- ArcGIS Pro
 - <https://help.nearmap.com/kb/articles/315-arcgis-pro-importing-georeferenced-images>
- Microstation / OpenRoads Designer
 - <https://help.nearmap.com/kb/articles/669-openroads-load-georeferenced-images>
- Autodesk / Civil3D
 - <https://help.nearmap.com/kb/articles/258-autocad-raster-tools-plugin-importing-georeferenced-images>