

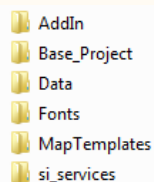
ARCGIS ADD IN: WORKS WITH ARCGIS 10.5.1 ON

ArcGIS with eMap Analyst is an ArcGIS application that can be used as a redundancy for eMap (Web), for specialised mapping tasks/purposes, or for other hazard types such as flood, storm or Hazmat.

ArcGIS ArcView level license is sufficient for all mapping functions.

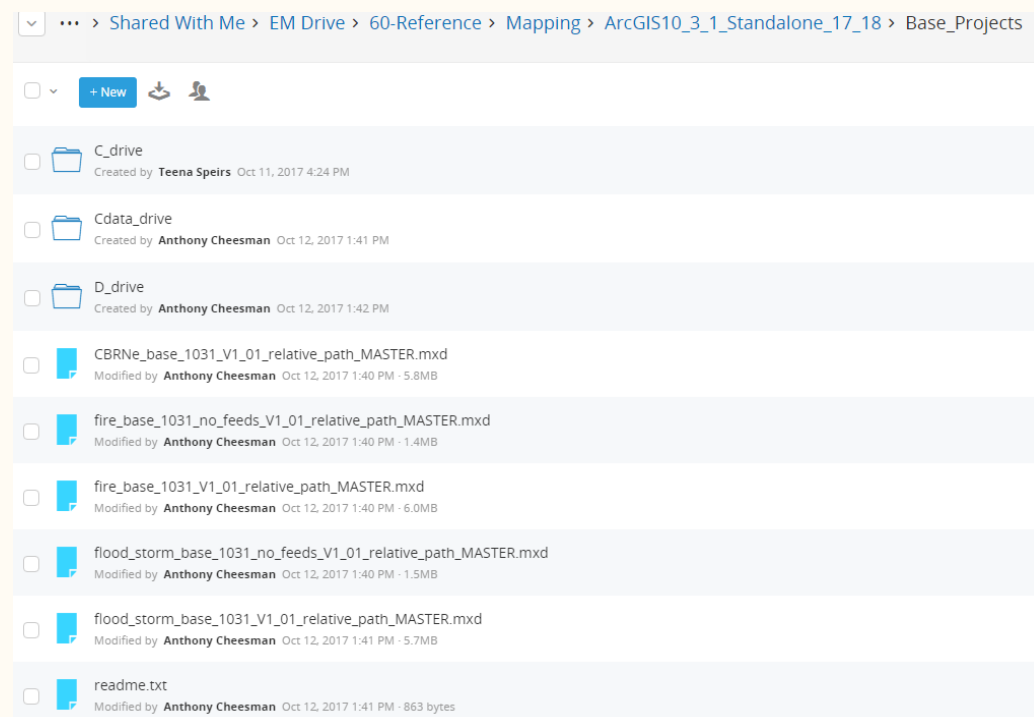
The ArcGIS10 <Version #> – Standalone application contains the following:

- Base Data with a compressed File Geodatabase
- Map Templates – Landscape/Portrait – variety of sizes and options.
- Fonts – All hazard fonts
- eMap Analyst Add In for the access to extra data that is not in the table of contents for the base project.
- Base Projects for fire and one for flood. There are multiple base projects. One that contains all the live feeds and one that doesn't. The mxds are named accordingly. That way if there are network or server connection issues, you can use the ArcGIS standalone base project (with no feeds) removing any reliance on the network (or slow connections).



Base Project Folder

There are a number of the folders and projects that have been set up to assist with regional locations. This is all available in EM-Drive.



The MXDs in the main Base Projects folder are the MASTER projects and shouldn't be used in operational work.

** There is a readme.txt to explain this, as well as a track of any alterations that have happened to the base projects.

Which version do I use:

Different versions of the base projects have been created, to make it easier (hopefully on the user) to select and open the MXD that best suits the network and speed for their working location.

Working at a CFA PC - use the base projects from EM-Drive\60-Reference\Mapping\ArcGIS10_6_1_Standalone\Base_Projects\C_drive or from the C drive location.

** These will open using local data less dependency on the network.

Working at a DELWP ICC - use the base projects from either EM-Drive\60-Reference\Mapping\ArcGIS10_6_1_Standalone\Base_Projects\C_data_drive OR EM-Drive\60-Reference\Mapping\ArcGIS10_6_1_Standalone\Base_Projects\C:\data location.

** These will open using local data less dependency on the network.

Installation Instructions:

Installation instructions can be found EM-Drive\60-Reference\Mapping\ArcGIS10_6_1_Standalone\2019-20 Install Instructions for ArcGIS10_6_1_standalone.doc.

To setup for the use of the eMap Analyst toolbar, the following steps are required for a ONE TIME SETUP ONLY!!!!

And again should ideally be done prior to the season beginning.

Tip:

Problem: Layers have broken links (red exclamation points) in your base.mxd:

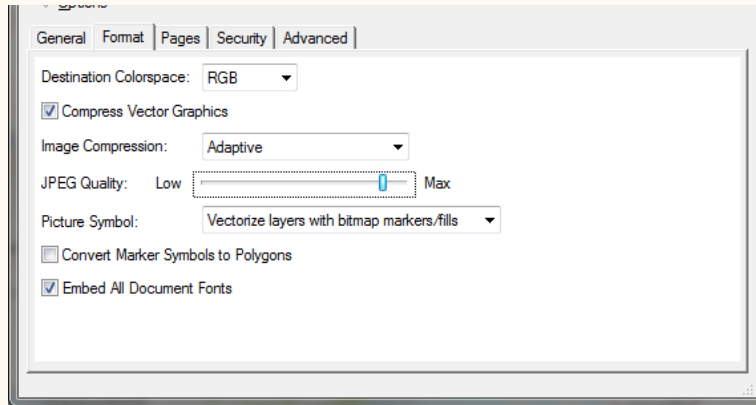
Solution: To fix, find the number of a layer. (Right mouse click properties to find source). Once you know the source name, and location, right mouse click on one of the broken layers, choose **Data → then Repair Data Source**. Navigate to where the data source is, and this will repair each broken layer in the MXD (from the same source – in this case the data_node.gdb)

Problem: PDF outputs seem to be rasterising incident point symbology with the feature service information, and/or vector data appears to be rasterising.

Solution: An extra Feature Service symbolised with the feature symbolised using font styles. Appears in Table of Contents as "Incidents (Feature Service) - with Fonts".

Then you will also need to change your PDF output settings to set to Vectorise Data. Like below.

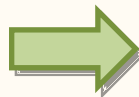
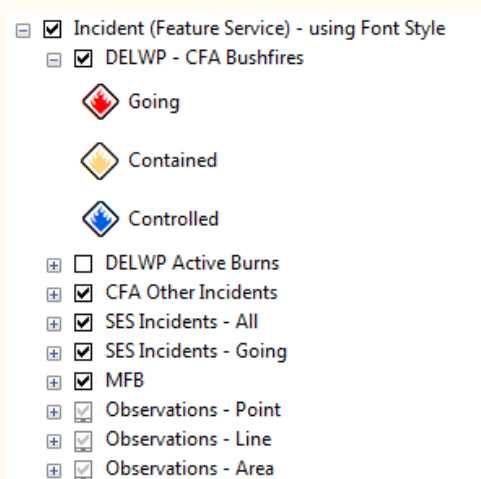
The outputs should be very sharp and the vector data quite smooth.



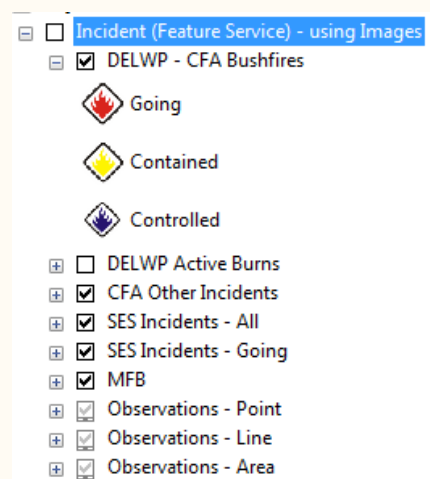
ALL HAZARD FONT PROBLEMS:

The reason for changing those symbols to images, as the fonts seemed to be a little flakey, so to ensure the correct symbology was appearing on the maps, (if the symbols can't be installed with permission issues) we used a graphic object for symbolising. (so at the very least the symbol is correct on the map)

If you open the MXD and the fonts appear wrong ie. Sunglasses/Scissors; use the "Incidents (Feature Service)" – using images.



If symbols appear on your map look like sunglasses or other random fonts, , use this layer to display incidents



There are some things to be aware of with your PDF output.

In this instance, you will need to decide if you are OK with the vector data perhaps appearing slightly rasterised, or happy to lose the symbol quality. (Vector output is quicker and smaller file size)

If you set the picture symbol to Rasterise layers with any picture marker/fill, you will get OK looking symbols, but possibly slightly rasterised vector data. (might also take longer to output)