

## AWIPS Migration Topic of the Week -- GIS Data

All:

Here is a great example of the way re-architecting the AWIPS software will help make operations smoother. Right now, we store two sets of GIS files in AWIPS, one for GFE/GHG and the other for D2D/WarnGen. Having two sets of data files creates work for sites as they have to maintain two sets of files and when sites invoke service backup, if all the updates have not been transmitted correctly, applications crash. Well, with the migrated software, there will be just one location for map data. Here is some info from the Raytheon development team:

/Yes, we are planning on storing the map data in one location. That Location would be the postgresQL data base. This has the advantage of built in GIS capabilities that will streamline the use of maps.

Tools are planned to add local data and load shape files into the database.

This will give the system a modern GIS repository capability that can be leveraged in new creative ways./

It is going to take some effort to move over to the migrated software, improvements like this are one reason it will be worth it.

Happy New Year!

Thanks,  
Edwin

Edwin Welles <[Edwin.Welles@noaa.gov](mailto:Edwin.Welles@noaa.gov)>  
Chief, Development Branch  
Systems Engineering Center