**Conversion Tools**

Description: The conversion tools convert data from one format to another or upgrade data template versions.

*Add/Update Parcel Layer*: converts a county’s parcel layer to NG911 template standards and loads data into the geodatabase

*GDB to Shapefiles*: converts all feature classes in the NG911 dataset of a NG911 geodatabase into shapefiles and converts the road alias table to a DBF.

*Convert 1.1 to 2.0:* upgrades existing v1.1 NG911 GIS Data Model geodatabase to the NG911 GIS Data Model v2.0 template geodatabase.

*Zip NG911 Geodatabase*: zips an NG911 geodatabase to prepare it for submission to DASC

Running Add/Update Parcel Layer:

1. Open ArcCatalog and navigate to the toolbox called “Kansas NG911 GIS Tools”, expand the toolbox, then expand the toolset called “Conversion Tools.”
2. Double click the script titled “Add/Update Parcel Layer”.
3. In the “Existing Parcel Layer” parameter, add in the full path to the existing parcel feature class.
4. In the “PID Field” parameter, select the field in the parcel layer that contains the parcel ID number. It can be the 16 or 19 digit version and contain dots and dashes or be straight digits.
5. In the “County” parameter, enter the appropriate county name.
6. In the “Target NG911 Geodatabase”, select the full path of the geodatabase where you’d like to import the parcels.
7. Run the tool.

Running Convert 1.1 to 2.0:

1. Open ArcCatalog and navigate to the toolbox called “Kansas NG911 GIS tools”, expand the toolbox, then expand the toolset called “Conversion Tools.”
2. Double click the script titled “Convert 1.1 to 2.0.”
3. In the “1.1 Geodatabase” parameter, select your current geodatabase.
4. In the “2.0 Geodatabase Template” parameter, select the 2.0 template geodatabase you have already downloaded. Be sure to check the projection of the geodatabase. This script will import the data directly into this geodatabase, so be prepared and make a copy if you like.
5. Run the tool.

Running GDB to Shapefile:

1. Open ArcCatalog and navigate to the toolbox called “Kansas NG911 GIS Tools”, expand the toolbox, then expand the toolset called “Conversion Tools.”
2. Double click the script titled “GDB to Shapefiles.”
3. In the “Geodatabase” parameter, select the geodatabase of data to be exported.
4. In the “Output Folder” parameter, select the folder where you would like the shapefiles to be saved.
5. Run the tool.

Running Zip NG911 Geodatabase:

1. Open ArcCatalog and navigate to the toolbox called “Kansas NG911 GIS tools”, expand the toolbox, then expand the toolset called “Conversion Tools.”
2. Double click the script titled “Zip NG911 Geodatabase.”
3. In the “Geodatabase” parameter, select the geodatabase to be zipped up.
4. In the “Zip File Output” parameter, put in the filename including the zip extension of your output zip file. If the zip file already exists, the file will be overwritten.
5. Run the tool.

The conversion tools require:

* Conversion\_AddParcels.py
* Conversion\_GDB11to20.py
* Conversion\_GDBtoShapefile.py
* Conversion\_ZipNG911Geodatabase.py

Support Contact:

For issues or questions, please contact Kristen Jordan Koenig with the Kansas Data Access and Support Center. Email Kristen at [Kristen@kgs.ku.edu](mailto:Kristen@kgs.ku.edu) and please include in the email which script you were running, any error messages, and a zipped copy of your geodatabase (change the file extension from zip to piz so it gets through the email server).

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