**Adjustment Tools**

Description: The adjustment tools will help prepare data so it passes all data checks prior to submission into the NG911 Portal.

*Fix Domain Case:* Based on domain issues that exist in FieldValuesCheckResults, this tool edits case issues in data. For example, if FieldValuesCheckResults has the error “Value Primary not in approved domain for field LOCTYPE”, any occurrences of “Primary” in LOCTYPE will be edited to “PRIMARY”.

*Fix Duplicate ESBIDs*: For counties with three ESB layers, all ESBIDs/NGESBIDs must be unique when comparing all three layers against one another. This tool creates unique ESBIDs/NGESBIDs by appending “E”, “F”, or “L” to the end of ESBIDs/NGESBIDs. Thus, if “1” is the ESBID/NGESBID in EMS, Fire, and Law, after running the tool, features will have unique ESBIDs/NGESBIDs like “1E”, “1F”, & “1L”.

*Fix KSPID*: If a county’s KSPID includes dashes or dots, this tool with automatically remove those characters so the KSPID is the required 19 digits.

*Fix MSAGCO Spaces*: This tool will remove any leading or trailing spaces in MSAGCO, MSAGCO\_L, and MSAGCO\_R fields in the Address Point and Road Centerline feature classes.

*Fix Submit*: This tool auto-fills all blank or null SUBMIT fields in all required feature classes as “Y”.

Running Fix Domain Case:

1. First, run “Validation Tools” > “9 Optional Check All Required” to make sure all domains of all feature classes are examined and all issues are recorded in FieldValuesCheckResults.
2. Open “Adjustment Tools” > “Fix Domain Case” and identify the parameters for the NG911 geodatabase and the folder containing domains files.
3. Run the tool.
4. Run “Validation Tools” > “9 Optional Check All Required” again. See the difference of results in FieldValuesCheckResults.

Running Fix Duplicate ESB IDs:

1. Open “Adjustment Tools” > “Fix Duplicate ESB IDs” and identify all the pertinent ESB layers according to the parameters.
2. Run the tool.
3. Run “Validation Tools” > “9 Optional Check All Required” again. See the difference of results in FieldValuesCheckResults.

Running Fix KSPID, Fix MSAGCO Spaces, & Fix Submit:

1. Open “Adjustment Tools” and the tool you want to run and identify your NG911 geodatabase.
2. Run the tool.
3. Run “Validation Tools” > “9 Optional Check All Required” again. See the difference of results in FieldValuesCheckResults.

The adjustment tools require:

* The complete NG911 toolbox setup and all scripts it includes.

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).

Disclaimer: The Kansas NG9-1-1 GIS Toolbox is provided by the Kansas 911 Coordinating Council, Kansas GIS Policy Board’s Data Access & Support Center (DASC), and associated contributors "as is" and any express or implied warranties, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose are disclaimed. In no event shall the Kansas 911 Coordinating Council, DASC, or associated contributors be liable for any direct, indirect, incidental, special, exemplary, or consequential damages (including, but not limited to, procurement of substitute goods or services; loss of use, data, or profits; or business interruption) however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of this software, even if advised of the possibility of such damage.