

Oklahoma NG911 GIS Tools.tbx

- 1 - OK Prep
- Adjustment Tools
- Comparison Tools
- Enhancement Tools
- MSAG Tools
- Submission Tools
- Validation Tools

Desktop to Pro

NG911_GIS_Toolkit_Pro.pyt

- 1 - Prep
- 2 - Validation
- 3 - Enhancement

Tool folder TBA with full rewrite: "4 - MSAG"

*Tool folders TBA with little to no change:
"5 - Comparison", "6 - Submission"*

- 1 - OK Prep
 - 0 Create GDB
 - 1 Address Field Map
 - 2 Road Field Map
 - 3 Discrepancy Agency Field Map
 - 4 PSAP Field Map
 - 5.1 ESB Law Field Map
 - 5.2 ESB Fire Field Map
 - 5.3 ESB EMS Field Map
 - 5.4 Dissolve ESZ
 - 6 ESZ Field Map
 - 7 Add Blank FCs

Prep Changes

- "Assign Unique NENA ID" Tool moved from Enhancement Tools and renamed to "Assign `NGUID` Field" Tool
- All Field Map Tools (prep tools 1 - 5.3) collapsed into "Field Map Feature Class" Tool

- 1 - Prep
 - 0 - Assign `NGUID` Field
 - 1 - Create Standard GDB
 - 2 - Field Map Feature Class
 - 3 - Create Blank Standard Feature Classes
 - 4 - Create Standard ESZ & ESB Feature Classes

- Validation Tools
 - 0 Check NENA ID Format
 - 1 Check Template
 - 2 Check Address Points
 - 3 Check Roads
 - 4 Check Boundaries
 - 5 Check Additional Layers
 - 6 Clear Results Table
 - 7 Verify Topology Exceptions
 - 7.1 ESB Gap Locations For Topology
 - 8 Check All Required

Validation Changes

- All Validation Check Tools (validation tools 0 - 8) collapsed into one tool
- "Check Road ESN Values" moved from Enhancement Tools as Validation Check option
- "Check Road FromLevel ToLevel" moved from Enhancement Tools as Validation Check option
- "Find Address Range Overlaps" moved from Enhancement Tools as Validation Check option
- "Geocompare Address Points" moved from Enhancement Tools as Validation Check option
- "Reconcile Next Gen and Legacy Fields" moved from Enhancement Tools as Validation Check option

- 2 - Validation
 - Validate Geodatabase

- Enhancement Tools
 - Add/Validate NG911 Topology
 - Assign Unique NENA ID
 - Calculate FullName and FullAddr
 - Calculate Parity
 - Check Road ESN Values
 - Check Road FromLevel ToLevel
 - Find Address Range Overlaps
 - Generate Fishbone Analysis
 - Geocompare Address Points
 - Populate RCLMATCH: NO_MATCH
 - Reconcile Next Gen and Legacy Fields

- Adjustment Tools
 - Fix Domain Case
 - Fix MSAGComm Spaces
 - Fix Street Type and Direction
 - Fix Submit
 - Fix TopoExcept

Enhancement Changes

- Some Enhancement and all Adjustment Tools that perform calculations, conversions, or fixes collapsed into "Calculate/Convert/Fix" Tool (Calculate: FullName, FullAddr, Parity, Null values to `N`, RCLMatch/RCLSide | Convert: Type, Direction [NEXT GEN or LEGACY] | Fix: Leading/Trailing Spaces, Domain Case, Level Fields)
- "Fix TopoExcept" Adjustment Tool removed
- Adjustment tool folder is empty and therefore removed

- 3 - Enhancement
 - Calculate/Convert/Fix Field(s)