

TheAddresser[®]



Data Management and Validation
Solutions for 911 Addressing



Create
Edit
Collaborate
Validate



Addressing



Geocoding



Routing



TheAddresser for ArcGIS Enterprise

TheAddresser for ArcGIS Enterprise is a FGDC/NENA-compliant platform that provides a comprehensive toolset for creating and managing enterprise address point and street centerline data in a web environment. With a variety of custom tools and workflow enhancements, this solution makes it easy for a large number of users to collaborate on centralized, cohesive addressing datasets. TheAddresser can be distributed to a multitude of users with varying responsibilities and uses without requiring separate client installs for each participant. Secure logins ensure editors and read-only users alike have access to only the data and tools specific for their task. Additionally, editors can be constrained to their local municipalities to prevent editing outside of their focus areas in a multi-jurisdictional environment.

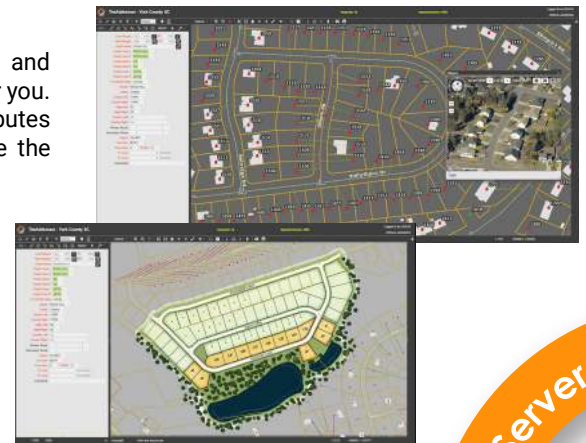
Editing is simplified and streamlined and with a number of automated routines and calculations, much of the work calculating attributes and tracking ranges is done for you. Ranges are determined and house numbers are recommended while additional attributes are inherited from related features or overlay analysis, all in an effort to reduce the number of clicks needed to edit. Business rules protect the integrity of your data by preventing erroneous addresses and ranges that conflict with established editing standards and practices.

In addition to business rules and workflow protections during the editing process, TheAddresser provides a number of checks to validate for issues relating to addressing, ranging, geometry, and routing to ensure accuracy and reliability.

Features include:

- Multi-jurisdictional Support
- Business Rules for Editing
- Customizable User Security
- FGDC/NENA-compliant Open Data Model
- ArcGIS Portal Integration
- Pictometry® Web Solutions Integration
- Validation Utility
- Auto-Addressing
- Fish Bones
- History/Audit Tracking
- Windows Authentication and LDAP Support
- Supports Add-ons for Submitting Address Issues and Requests

Requires ArcGIS Enterprise 10.3+



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TheAddresser for ArcGIS Desktop

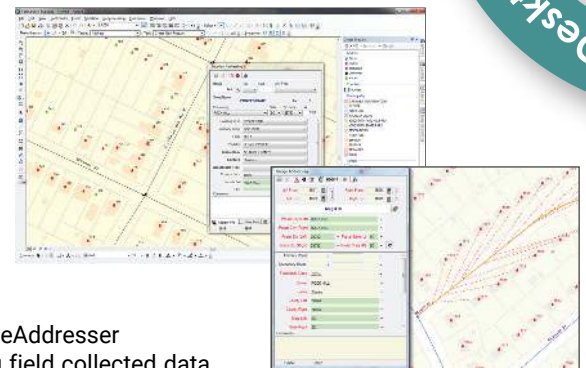
Providing all the same functionality as the web version, TheAddresser for ArcGIS Desktop is an add-in designed for small agencies with a limited number of users. Complimenting the full range of Esri technologies including file and enterprise geodatabases, this solution provides all the tools to standardize and streamline the address and centerline editing process. Utilizing business rules assures compliance of point addressing, block ranging, and the capture of common routing attributes.

In addition to the validation utility for identifying attribute and geometry errors, TheAddresser includes utilities for Street Name and Subdivision Name management, processing field collected data, MSAG (Master Street Address Guide) comparison, and security.

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Requires ArcGIS Desktop 10.2+



Public & Agency Engagement

Engaging with the public or other departmental entities can not only improve the quality of your data thru feedback and testing, but also streamlines the communication of addressing issues and requests between users and editors. TheAddresser for ArcGIS Enterprise supports several add-ons designed to supplement the management of address data. Apps for field data collection and verification, requests for new addresses by the public and developers, and submission of addressing issues are seamlessly integrated with the platform. Notifications of requests and addressing issues are sent directly to editors within the application making it easy to quickly assess and respond to user requests.



- **TheAddresser.MOBILE:** Designed for use on the Apple iPad (iOS), this mobile app integrates with ArcGIS Enterprise map services to support the field collection and validation of address points. With an ArcGIS Online account disconnected editing is supported and edits are synchronized upon reconnection.
- **Address Requests:** Provides a public facing service designed to allow developers and other public users to submit requests for new addresses. Cross-platform compatible, users can use any device to select or enter a location and provide comments, photos, and contact information for the request.
- **Address Issues:** Provides an internal and/or public facing service designed to allow developers and other public users to submit requests for new addresses. Cross-platform compatible, users can use any device to select/enter a location and provide comments, photos, and contact information for the issue submitted.

Community
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Data Tools
Validation



TA First Aid Kit

TA First Aid Kit is a comprehensive address point and street centerline quality validation utility based on the quality control and error checking engine of TheAddresser. Designed to take the guess work out of troubleshooting critical address datasets, TA First Aid Kit evaluates the relationship between your addresses and street segments to identify errors and anomalies pertaining to addressing, ranging, and routing.

With support for shapefiles and file/enterprise geodatabases, there is no need to alter your source data for processing. Browse to and select your source data, use the dropdowns to match key fields relevant to your data, and set an output folder location. Upon processing, source data is imported, cleaned, and linked, associating address locations to the appropriate street segments. 30+ validation checks are performed and results are output to individual feature classes by error type within a date/time-stamped file geodatabase. By overlaying your source data with error feature classes in ArcMap, problem areas are easy to visually identify. Supporting notes about the nature of the issue are included in the error output to simplify cleanup.

In addition to the addressing, ranging, and routing checks, TA First Aid Kit also performs a series of validation processes comparing your source address and centerline data to your MSAG (Master Street Address Guide) and ALI (Automatic Location Identification) tables commonly used for the routing of 911 emergency calls. These checks identify discrepancies and deficiencies between the GIS data and 911 tables.

Requires ArcGIS Desktop 10.2+





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