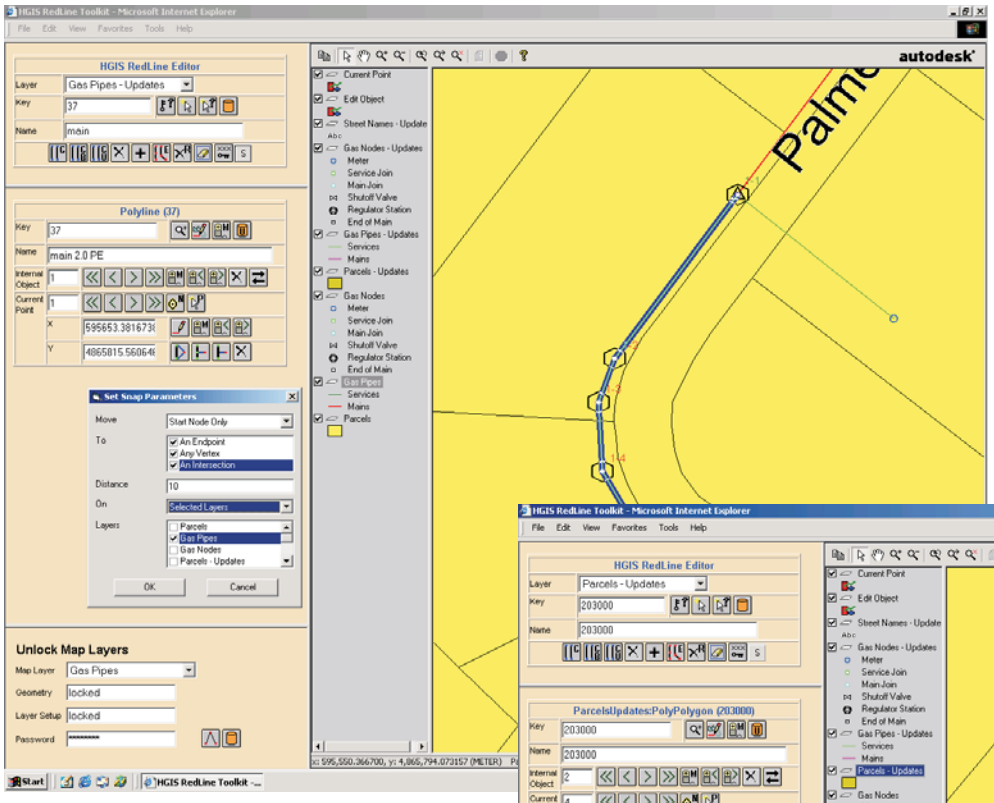
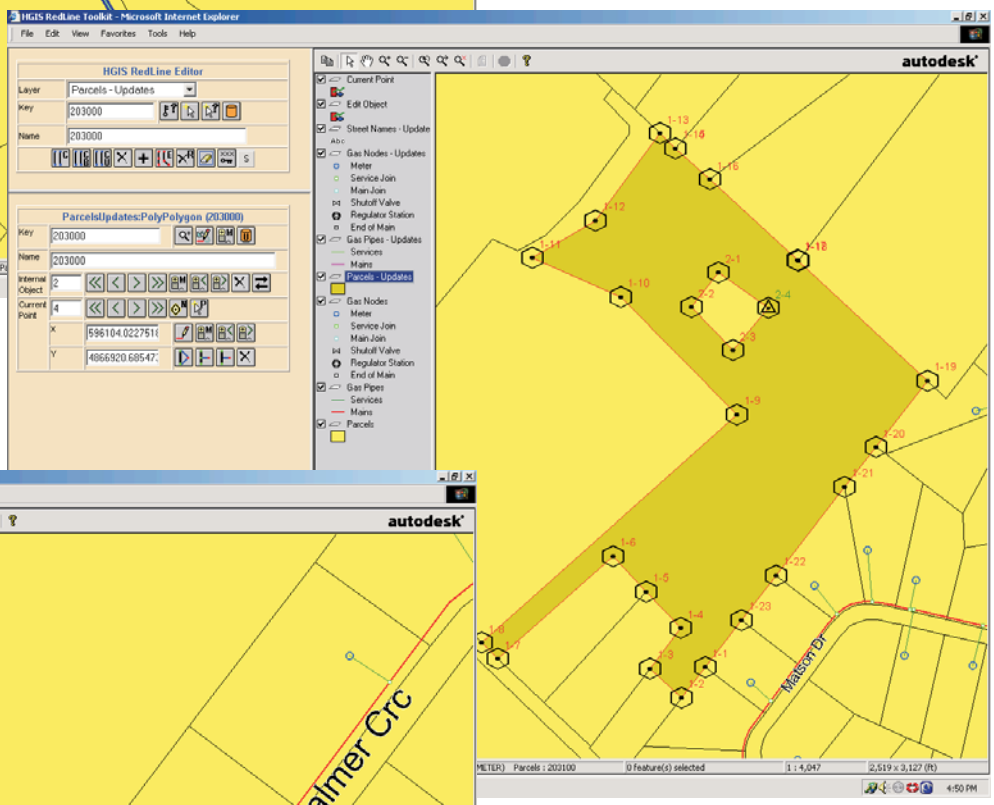
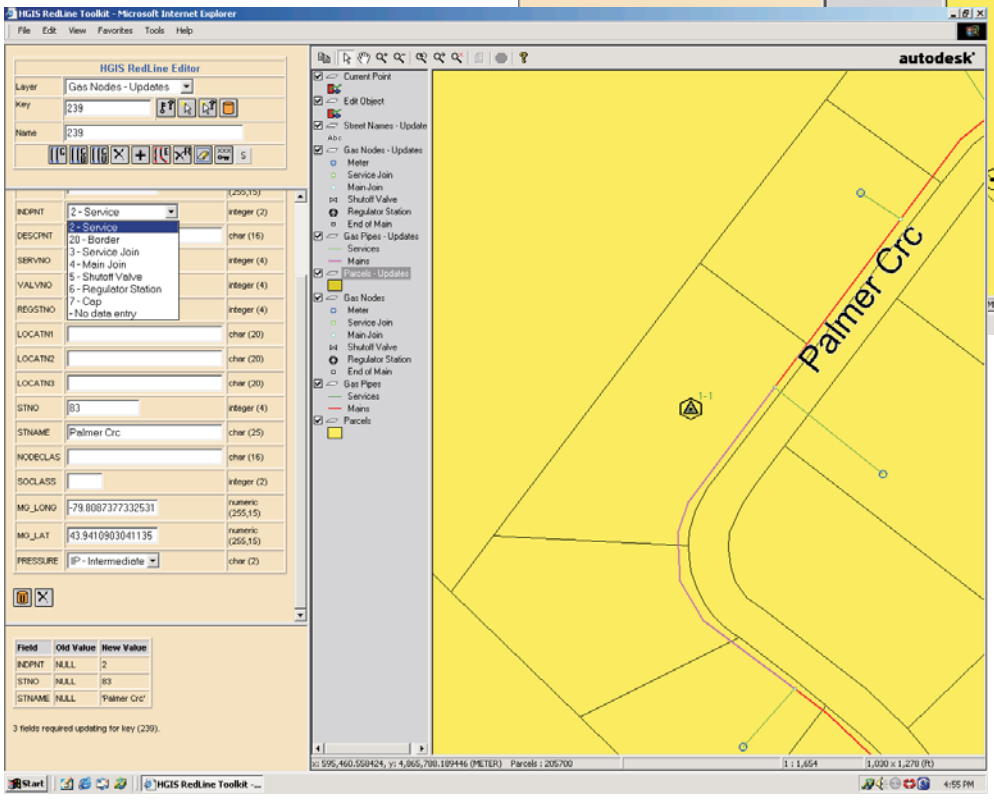
Redline Editor



- Add/edit/delete point, polyline, polygon and text objects
- Create new objects via on-screen digitizing
- Modify an object's vertice list and database record
- Copy an object's vertice list and database record
- Redigitize individual vertice locations
- Shift the location of entire objects, internal objects or individual vertices
- Snap the location of vertices to other objects: endpoint, vertice, intersection



- Add/delete internal objects in polypolylines and polypolygons
- Reverse the order of vertices
- Automatic calculation of length and area



- Data Dictionary for dropdown lists of attribute values
- Validity checks on attribute values: integer, floating point, date
- Save updates to individual user files for back office GIS updates
- Access password protected layers
- Browser-based (MS IE, Netscape)
- Customizable interface, screens and reports
- Graphic button interface

Autodesk
Authorized Developer

Hunter GIS Solutions for Autodesk MapGuide

Tel: (905) 607-4120 Web: www.hunter-gis.com

HUNTER GIS

Introduction

The Hunter GIS Redline Editor for MapGuide (REM) is a set of software components that enables the user to add, edit and delete point, line, polygon and text objects and their corresponding database records. The objects reside in user-specific SDF files and database tables that may be reloaded for subsequent update sessions or used in other third party GIS products (e.g. Autodesk Map) or corporate databases. The interface provides the following capabilities:

- create new objects by on-screen digitizing;
- modify an object and its database record on an update layer;
- copy a base layer object and its database record onto the update layer;
- copy any object onto the update layer;
- add and delete internal objects (polypolylines and polypolygons);
- redigitize individual vertex locations;
- shift the location of entire objects, internal objects or individual vertices;
- snap the location of vertices to other objects (endpoint, vertex or intersect);
- access a Data Dictionary for dropdown lists of attribute values;
- validity checks on attribute values (integer, double, date);
- browser-based (MS IE and Netscape);
- graphical button interface.

The REM utilizes Active Server pages (ASP), JavaScript, VBScript and the MapGuide Viewer API; there is a single ActiveX control that controls object snap. As a result, the system is largely accessible and customizable. By following the User's Guide and the comments embedded in the code, a qualified user can modify the code to meet specific agency requirements.