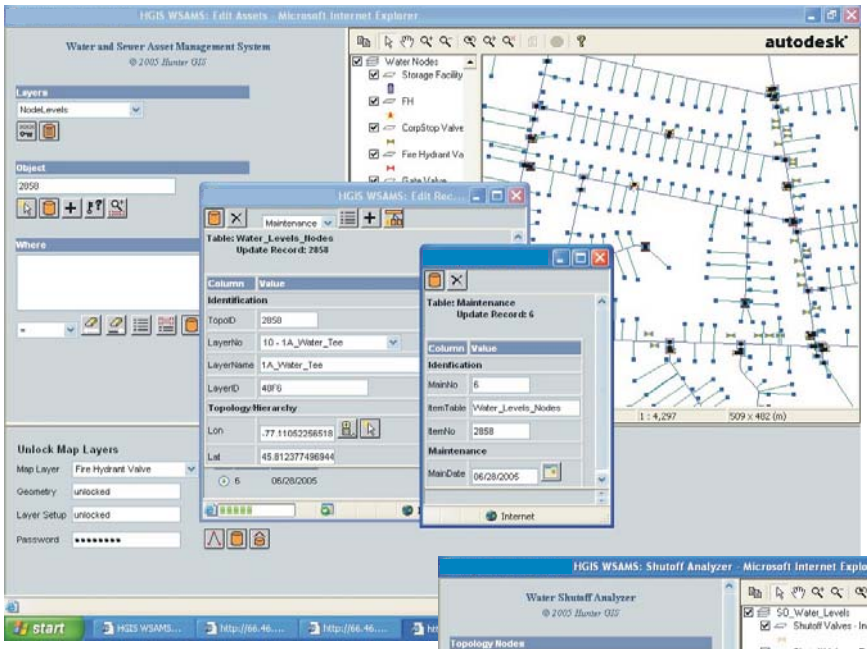
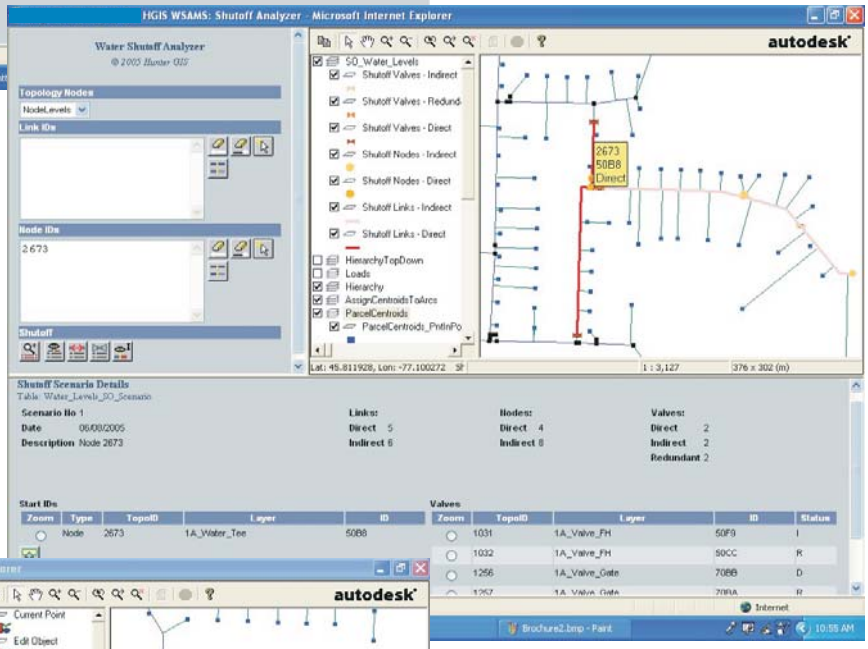
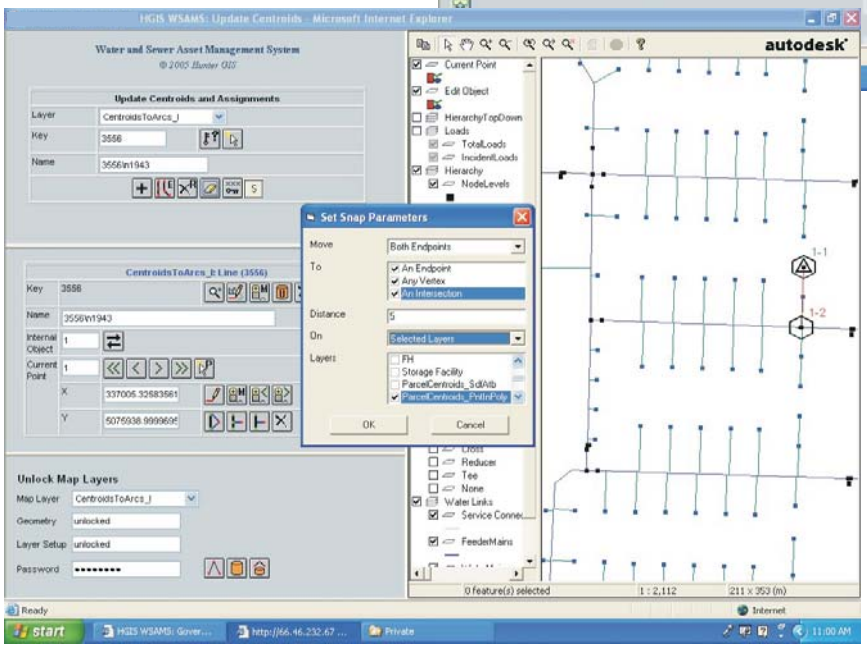
Water and Sewer Asset Management



- View, edit and analyze water and sewer asset records
- Utilize existing AutoCAD drawing files
- Link assets to a variety of user-defined record types, including Identification, Location, Design, and Service Request and Maintenance Histories
- Compute tax parcel centroids and assign to pipes in order to portray service connections not previously captured



- Create topology from selected node and pipe layers
- Estimate demand/loads (see HGIS Wastewater Flow Analysis for a more comprehensive solution)
- Upstream and downstream tracing
- Perform and save shutoff scenarios to support maintenance operations and system design



- Build and save report and query templates
- Suite of tools to assist in data preparation
- Browser-based (MS IE)
- Customizable templates and reports
- Built on Autodesk MapGuide

Autodesk Authorized Developer

Hunter GIS Solutions for Autodesk MapGuide

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HUNTER GIS

Providing Reliable Service

The Hunter GIS Water and Sewer Asset Management Solution (WSAMS) provides web-enabled viewing, update and analysis tools for municipal water and sewer networks.

The WSAMS accommodates two broad classes of information: Source Data and Topology Data. The Source Data consists of MapGuide layers authored from the municipalities existing database tables, whether linked to Autocad drawings or ESRI shapefiles. These records, when described in an HGIS Data Dictionary, may be viewed and updated. A single asset may be described in a variety of user-defined records, including Identification, Location, Design and Service Request and Maintenance Histories.

The Topology Data are computed from selected Source Data layers, creating an arc/node network. By extending the municipality's data, more complex tools may be utilized, including network tracing and shutoff analysis..

The Water and Sewer Asset Management Solution consists of a suite of database tables and Cold Fusion templates that may be customized to suit the particular requirements of a municipality. The solution utilizes Autodesk's MapGuide and is database independent.

View, Edit and Analyze