

Multi-Jurisdictional GIS & Asset Management

A New Approach to an Old Problem



2014 User's Conference Theme


"United We Map"

Ozaukee County Wisconsin Theme

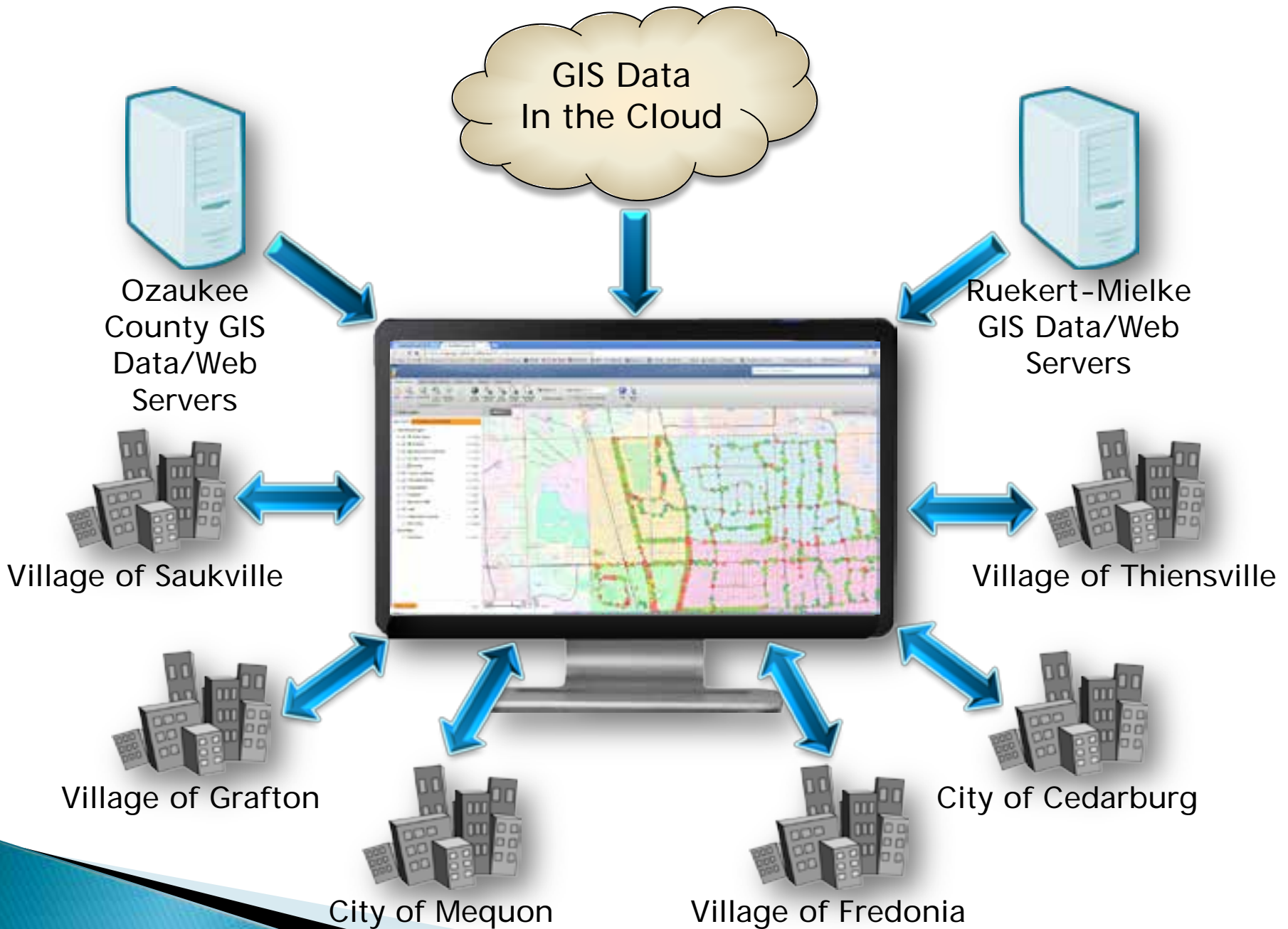
"United We Map.....and
Discuss, Develop, Disseminate"



“United We Map.....and Discuss”

- § The Wisconsin Land Information Program (WLIP), by state statutes, allows counties to retain fees from recorded documents to be used for land information modernization and provide public access to GIS.
 - § Municipalities were not benefiting from WLIP for public access.
 - § Municipalities were paying approximately \$4,800 per year to host their own GIS websites.
 - § The county receives sufficient WLIP funds to assist municipalities with public access by hosting a comprehensive GIS website.
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“United We Map.....and
Develop”



GIS Data
In the Cloud

Ozaukee
County GIS
Data/Web
Servers

Ruekert-Mielke
GIS Data/Web
Servers

Village of Saukville

Village of Thiensville

Village of Grafton

City of Cedarburg

City of Mequon

Village of Fredonia

“United We Map.....and Develop”

Provided by Ozaukee County

- § Countywide Parcel Mapping
- § Nightly Updates to Tax Assessment Information
- § Orthophotography
- § Road Centerlines
- § Address Points
- § Municipal Boundaries
- § Public Land Survey System
- § CSM's, Subdivision Plats, Plats of Survey
- § FEMA Flood Plain
- § Wetlands
- § Watersheds
- § Shoreland Zoning
- § Topographic Maps
- § NR151 – Farmland Compliance Application
- § Search Tools
- § Parcel Buffer Query Capabilities
- § Advanced Query Builder

“United We Map.....and Develop”

Provided by Ozaukee Municipalities

- § Street Sign Inventory
- § Sanitary Sewer
- § Water Distribution
- § Storm Sewer
- § Cemetery Mapping
- § Voting Wards

- § Tree Inventory
- § Local Zoning
- § Garbage Collection

“United We Map.....and Disseminate”

Public Access

The Public has the ability to view Maps via desktop or mobile devices.



Ozaukee County provides online access to geographic and land information. **This information is to be used for reference purposes only.** Ozaukee County makes every effort to produce and publish the most current and accurate information possible. No warranties, expressed or implied, are provided for the data provided, its use, or its interpretation. Ozaukee County does not guarantee the accuracy of the material contained herein and is not responsible for any misuse or misrepresentation of this information or its derivatives.

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The user expressly agrees that the use of the Ozaukee County web site is at the user's sole risk. Ozaukee County does not warrant that the service will be uninterrupted or error free. Please [contact us](#) if you have questions about this web site, or to report any errors or omissions.

This fully functional GIS application is currently under development. Improvements to functionality and additional data availability are being implemented regularly. If you experience errors or loss of functionality, please be patient with us as the GIS continues to improve and grow.

[Parcel Search](#) [Saukville Assessment Search](#) [Map Gallery](#)
[Public GIS Map](#) [Mobile Maps](#)

Login Above to Access Secured Maps

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Secure Access

Logging in will provide access to secure maps for municipal and county staff.

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[Parcel Search](#) [Saukville Assessment Search](#) [Map Gallery](#)

[Public GIS Map](#) [Mobile Maps](#)

Secured Desktop Map(s):

[Thionville GIS Map](#)

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[Public GIS Map](#) [Mobile Maps](#)

Secured Desktop Map(s):

[Ozaukee Co Staff](#) [Cedarburg GIS Map](#) [Fondola GIS Map](#) [Grafton GIS Map](#) [Mequon GIS Map](#)

[Saukville GIS Map](#) [Thionville GIS Map](#)

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Public vs. Secure Access

Secure Search Tools
Allow Users to Search
by Owner Name

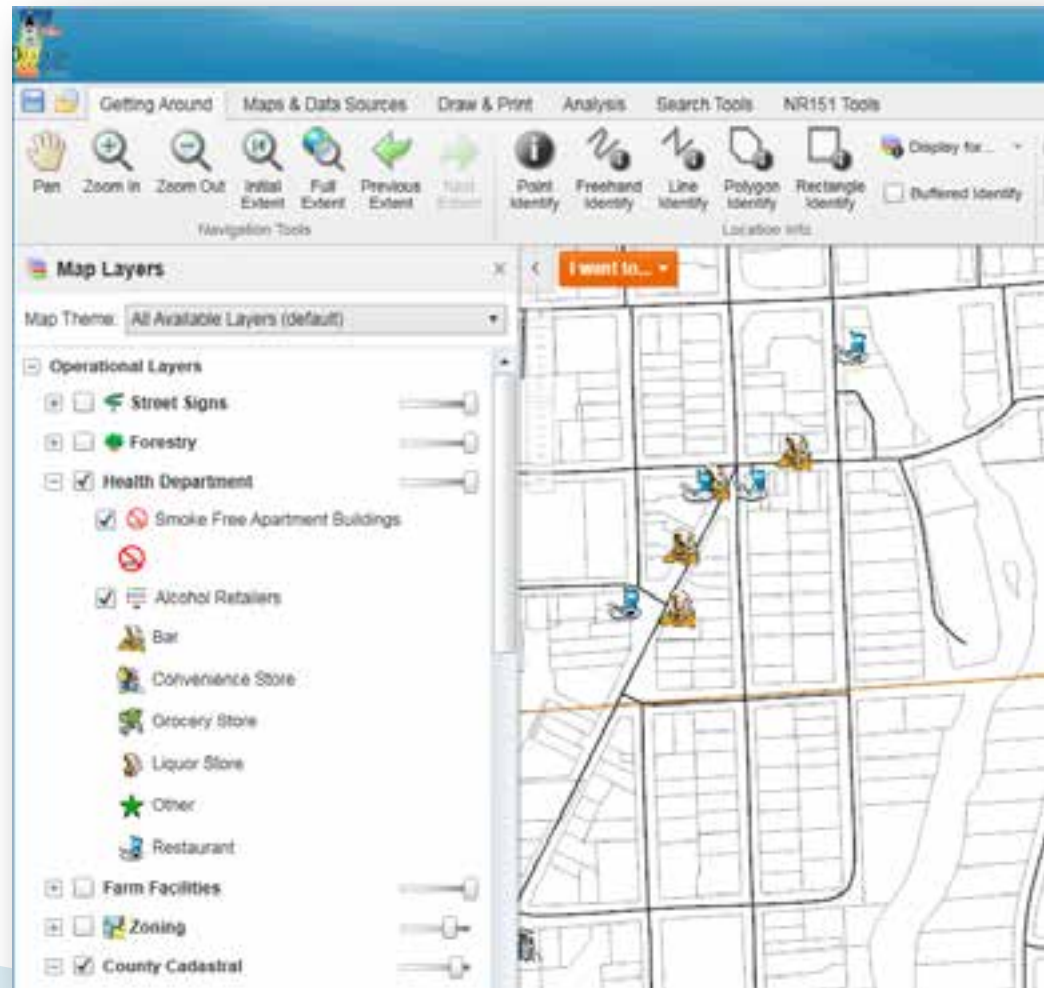


“United We Map.....and Disseminate”

Public vs. Secure Access

Secure access provides the ability to view additional data layers.

Secure



“United We Map.....and Disseminate”

Public Access to Municipal Data

Municipal data available to the public with limited attributes.

The screenshot displays a GIS application interface with the following components:

- Map Layers Panel:** Shows a list of layers under the heading "Operational Layers". The "Forestry" layer is expanded, showing sub-layers: "Thionville Trees" (checked), "Other", "Deciduous", "Deciduous Ash", "Coniferous", "Stump", and "Vacant". The "Cedarburg Cemeteries" layer is also checked.
- Search Results Panel:** Displays "Results (1)" for a search. The result is "Norway Maple" with a diameter of 7. The panel includes options like "View History", "Refresh Results", "Table View", "Select All", and "Close".
- Feature Details Panel:** A pop-up window titled "Norway Maple" showing details and attributes. The "Attributes" tab is active, displaying a table of field values.

Field Name	Field Value
OBJECTID	1374
TreeID	1052
CommonName	Norway Maple
DIAMETER	7

“United We Map.....and Disseminate”

Secure Access

Comprehensive data available to municipal staff with asset management tools.

The screenshot displays a web-based interface for tree management. The main window is titled 'TREE RECORD' and contains the following fields:

- Tree ID: 211
- Inspection Date: 10/4/2012
- Address: 102 GRAF
- Due Date: 10/4/2015
- Species: Honeylocust (Thornless)
- Site: Side
- Location: Street
- Street: Select
- Side Street: Select
- Year Planted: 0
- Diameter (in): 15
- Green Spread (ft):
- Height Class: 30-60
- Growth Space: 5 ft
- Dead Wood: 5
- Condition Rating: 65
- Primary Maintenance: Routine Prune
- Secondary Maintenance: N/A
- Clearance Issue: OK
- Work Priority: Within Three Years
- Utilities Present: Both

Below the 'TREE RECORD' form is a 'WORK PERFORMED' section with various checkboxes for recording maintenance activities:

- Planted
- Watered
- Treated
- Routine Pruned
- Labeled and Pruned
- Treatment Type: Select
- Train Pruned
- Hoisting Resolved
- Chemical Used: Select
- Safety Pruned
- Remove Stakes
- Volume (in):
- Removed Stump
- Grinding Root Removed
- Removed

At the bottom of the 'WORK PERFORMED' section is a 'Comments' text area and an 'Add Activity' button.

Below the 'WORK PERFORMED' section is a 'MAINTENANCE HISTORY' table with the following columns:

Date/Treated	Treatment Type	Chemical Used	Volume (in)	Planted/Watched	Training Pruned	Routine Pruned	Safety Pruned	Control Pruned	Hoisting Resolved	Remove Stakes	Grinding Root Resolved	Removed Stump	Removed/Comments
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At the bottom of the screenshot, there are additional map layers and data fields visible, including 'Plow Routes', 'Storm Sewer', 'Crown Spread', 'Height Class: 30-60', 'Deadwood Percent: 5%', 'Condition Rating: 65%', and 'Primary Maint: Routine Prune'.

“United We Map.....and Disseminate”

Secure Access

Comprehensive data available to municipal staff with asset management tools.

The screenshot displays a web-based asset management application with a menu bar at the top including 'Getting Around', 'Maps & Data Sources', 'Draw & Print', 'Analysis', 'Search Tools', 'Public Works Tools', and 'Sanitary Tools'. The interface is divided into two main sections: 'SIGN SUPPORT' and 'SIGN'.

SIGN SUPPORT Form:

- House ID:
- Street Name:
- Cross Street Name:
- Side of Street:
- Default:
- Date Installed:
- Pole Material:
- Pole Condition:
- Breakaway:
- Pole Base:
- Pole Splice:
- Location Notes:
- Support Notes:
-

SIGN Form:

- Warning:
- MUTCD Code:
- Size:
- Sub-Warning:
- Date Installed:
- Facing:
- Sheeting Type:
- Rating:
- Sign Material:
- Sign Condition:
- Face:
- Sign Mount:
- Base:
- Rusted:
- Date Inspected:
- Reface:
- Owner:
- Inspected By:
- Sign Notes:
-
- 1 2 3 4
-

Left Sidebar:

- Results
- View Hist
- Refine Result
- Support Date Ins Type Material Conditio Details
- Support Date Ins Type Material Conditio Details
- Support Date Ins Type Material Conditio Details
- Support Date Ins Type Material Conditio Details

“United We Map”

See us afterward for much, much more...

Thank You!

Cristina Richards
Scott Daniel