



- Locate a street on a map and access a scanned as-built or plan set to send or email to a developer or consultant.

DataView Online doesn't require the City to purchase or make expensive upgrades to their data server, computers, or software licenses. The information is securely stored in one place, and anyone who has a login and password is able to access the data. This is especially beneficial to clients with limited time, resources, IT systems, and budgets.

### **City Staff/ Boards/ Commissions Interface**

DataView Online is hosted, secured, and available via the SEH Client Access Point. This password protected web portal is available exclusively to SEH clients. To use DataView Online, subscribers must have a high-speed connection to the Internet, DSL or broadband, and web browser software such as Microsoft Internet Explorer. SEH uses WebSphere, by IBM Security, to provide you with the same level of security as experienced when making financial transactions over the internet.

### **Implementation Costs**

The cost for a new client implementation is \$2,500, which includes implementing the first five layers of data and five secure usernames and passwords. Implementation of each additional layer is \$100, and each additional username and password is \$150. With 7 layers of data, the initial setup fee for password protected DataView Online for the City is \$2,700.

### **Initial Seven (7) Layers**

To facilitate the City's desire to have better access to parcel, aerial and utility data, we recommend that the City consider the following initial Layers of data be incorporated into DataView Online<sup>sm</sup>.

1. County Tax Parcel data. Obtain an updated dataset of the County tax parcel GIS files for the City and incorporate into DataView. Parcels will include PID, Taxpayer information, and physical property address where available. We have allowed 2 hours for packaging the data prior to implementation.
2. County Road Centerline data. Obtain the County road centerlines to be incorporated into DataView Online<sup>sm</sup>. We have allowed 1 hour for packaging prior to implementation.
3. Digital Ortho Photos. Incorporate aerials from the county, 6" pixels, into DataView Online<sup>sm</sup>. We have allowed 4 hours for packaging the data prior to implementation.
4. City-wide Zoning map. SEH will update the zoning map GIS files previously obtained from the County to resemble the October 1, 2003 Official Zoning Map and include in DataView Online<sup>sm</sup>. We have allowed 3 hours for mapping updates.
5. Sanitary Sewer. SEH has GIS files for most of the system, with the biggest exception being to and around Grand and Pleasant Lakes. We will update the City GIS file with the Bonestroo as-built CAD map of these improvements and incorporate into DataView Online<sup>sm</sup>. We have allowed 6 hours for sanitary mapping updates. Services are not included.
6. Water distribution System. SEH has GIS files for most of the water system, which will be included in DataView Online<sup>sm</sup>. We have allowed 1 hour for water system mapping updates. Services and curb stop locations are not included.
7. Storm Sewer. SEH has GIS files for most of the storm sewer system. We will update the file and include in DataView Online<sup>sm</sup>. We have allowed 4 hours for storm sewer mapping updates.

### **Training**

SEH will provide one group training session (1-hour), for City staff. Any additional training requests will be conducted as a separate project, on a time and material basis at \$100 per hour plus mileage for each subsequent

on-site training session. Web-based training sessions are available at a cost of \$50 per one half-hour training session.

### Annual Subscription Fees

The annual subscription fee for the City secure website is \$1,200, based on population, and includes five usernames and passwords. At any time, the City may opt to add more seats at an additional cost of \$150 per seat, per year.

### Summary of First Year Costs

<b>DataView Online Interactive Mapping Fee Schedule</b>		
<b>Description</b>	<b>Units</b>	<b>Cost</b>
City Mapping Updates	14@ \$100/hr	\$1,400
Data Fees from County	Lump Sum	\$200
External Data Packaging	7@ \$100/hr	\$700
<b>Implementation Five (5) Layers and Five (5) User Log-ins</b>	Lump Sum	\$2,500
<b>Implementation Two (2) Extra Layers*</b>	2@ \$100 ea.	\$200
Initial Training Session	Lump Sum	\$250
Annual Subscription	12 months	\$1,200
<b>First Year Total</b>		<b>\$6,450</b>

\*See the next paragraph (Optional Datasets/ Layers) for costs of layers beyond the initial seven (7) layers described above.

### Optional Datasets/ Layers

The following datasets/ layers can be added at the same time as the initial seven (7) layers described above or in the future. The costs below assume their implementation would occur at the same time as the initial seven layers are set up; implementation at a later date could result in a higher cost. The costs below include packaging, implementation, and data acquisition fees.

1. Scanned record drawings attached to the utilities - \$6/sheet => estimated 300 sheets = \$1,800
2. Scanned plats attached to plats layer - \$6/sheet => estimated 75 sheets = \$450
3. 2 Foot Digital Contours from Stearns County - \$300/section or \$3,000/township, plus \$500 for packaging and implementation
4. Existing Land Use (based on county codes) - \$200
5. Surficial Geology (from Geologic Atlas of Stearns County) - \$200
6. Bedrock Geology (from Geologic Atlas of Stearns County) - \$200
7. Depth to Bedrock (from Geologic Atlas of Stearns County) - \$200
8. Groundwater Sensitivity to Pollution (from Geologic Atlas of Stearns County) - \$200
9. Protected Waters (based on DNR data) - \$200
10. Planning Districts (provided by Municipal Development Group, Inc.) - \$100
11. Steep Slopes (provided by Municipal Development Group, Inc.) - \$100
12. Surface Waters and Wetlands (provided by Municipal Development Group, Inc.) - \$100
13. Soil Survey (provided by Municipal Development Group, Inc.) - \$100
14. Prime Farmland and Farmland of Statewide Importance (provided by Municipal Development Group, Inc.) - \$100

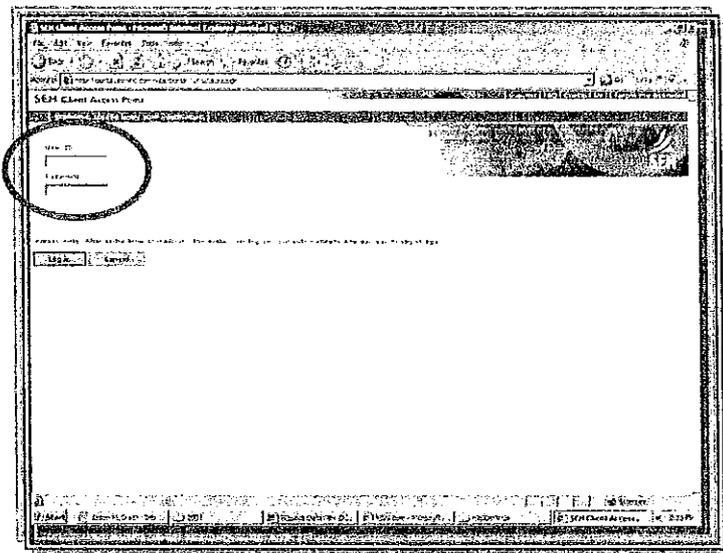
- 15. Cultivated Lands (provided by Municipal Development Group, Inc.) - \$100
- 16. Biological Survey (provided by Municipal Development Group, Inc.) - \$100
- 17. Future Land Use (provided by Municipal Development Group, Inc.) - \$100
- 18. Roadway Classifications (provided by Municipal Development Group, Inc.) - \$100
- 19. City Parks (provided by Municipal Development Group, Inc.) - \$100
- 20. Park Service Areas (provided by Municipal Development Group, Inc.) - \$100
- 21. Sidewalks, Pathways, and Trails (provided by Municipal Development Group, Inc.) - \$100
- 22. Shoreland Management District (created by SEH) - \$150
- 23. Lake Improvement District (created by SEH) - \$250
- 24. Street Condition (created by SEH) - \$100
- 25. Street Jurisdiction (created by SEH) - \$100
- 26. Survey curb stop locations marked by City Public Works staff with GPS and total station survey equipment within core city; update City mapping; implementation - \$4,000

**Data Updates**

SEH will assist you with your update plan. Typical plans consist of updating parcels quarterly, and zoning and utilities yearly. SEH will provide a secure ftp address, login and password for the City to upload new and revised data. All new data layer fees will be invoiced as a separate project, on a time and material basis.

**Site Demonstration**

For demonstration purposes, the City of Lino Lakes has agreed to grant access to their secure DataView Online site. If the City would like a guided tour of the internal Lino Lakes application, we can accomplish this via a scheduled online web meeting. Otherwise, you can access the application by visiting the SEH Client Access Point, located at:  
<http://www.portal.sehinc.com>



Once there, enter the temporary/guest user ID and password provided below:

User ID: rockville  
Password: 3HG3HXQ4

For technical assistance, please contact SEH support via email: [portalsupport@sehinc.com](mailto:portalsupport@sehinc.com), or call 612-333-2123.

**Site References**

Currently, more than 40 SEH municipal clients are using a desktop version of DataView Online. Several SEH clients already have upgraded to the secure Online version and many municipalities are in the process of budgeting to develop a public version for their residents. A short list of DataView Online client references appears below:

**City of Lino Lakes**

Michael Grochala, Community Development Director  
600 Town Center Parkway  
Lino Lakes, Minnesota  
(651) 982-2427  
Email: michael.grochala@ci.lino-lakes.mn.us

**City of St. Augusta**

Bill McCabe, City Administrator  
1914 250th Street  
St. Augusta, Minnesota 56301  
Phone: 320-654-0387  
Email: bmccabe@staugusta.govoffice2.com

**City of Saint Joseph**

Judy Weyrens, City Administrator  
25 College Avenue North  
Saint Joseph, Minnesota 56374  
(320) 363-7201  
Email: jweyrens@cityofstjoseph.com

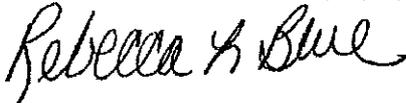
**Schedule**

For the City of Rockville, we estimate that the implementation phase of DataView Online can be completed in four to six weeks. This proposal is valid for 120 days.

Please contact Rebecca at 1.800.325.2055 or Scott Hedlund at 320.229.4335 with any questions about DataView Online or to set up a designated date and time to tour the Lino Lakes application. We look forward to working with you.

Sincerely,

SHORT ELLIOTT HENDRICKSON INC.



Rebecca Blue  
Director of GIS Services



Scott Hedlund  
Rockville Client Service Manager

Accepted on this \_\_\_\_\_ day of \_\_\_\_\_, 2008

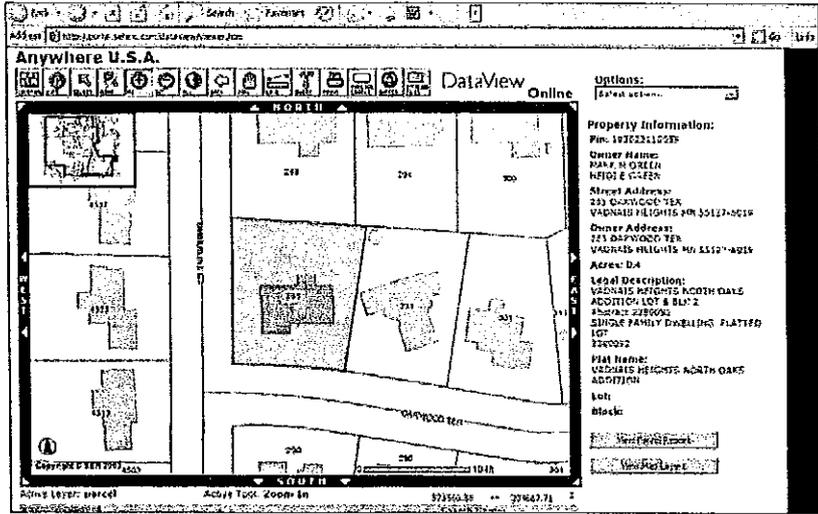
**City of Rockville, Minnesota**

By: \_\_\_\_\_

Title: \_\_\_\_\_



# web-based geographic information systems (GIS)



## DataView Online

SEH is proud to announce DataView Online, a cost-effective, secure web-based GIS application for communities with limited time, resources, information technology systems and budgets. With DataView Online you can:

### Get answers quickly

DataView Online allows users to easily view GIS data and answer everyday questions. Users can perform tasks such as locating a parcel, viewing tax information, creating mailing lists, or retrieve utility line and record drawing information.

### Get up to speed fast

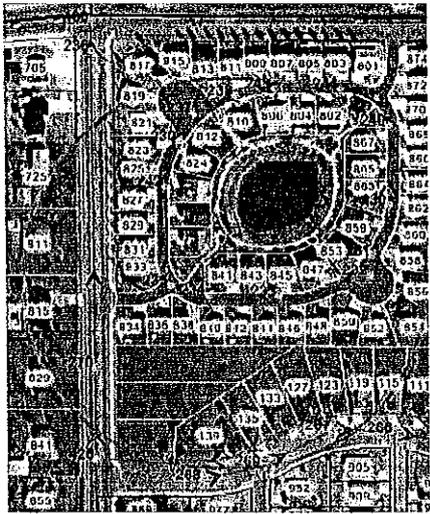
DataView Online's intuitive interface allows users to get the answers they need quickly without spending weeks learning complicated GIS software and terminology.

### Save time

DataView Online's tools allow users to perform tasks with only a few clicks of the mouse. For example, it takes only seconds to create a mailing list to notify nearby property owners of a proposed rezoning.

### Save money

The only investments in technology are Internet browser and access to the web, which you already likely have. There are no data storage needs, extra computer staffing or extensive training.



## web-based geographic information systems (GIS), continued

DataView Online will save you valuable time and reduce software and training costs. This makes it cost effective to purchase and operate.

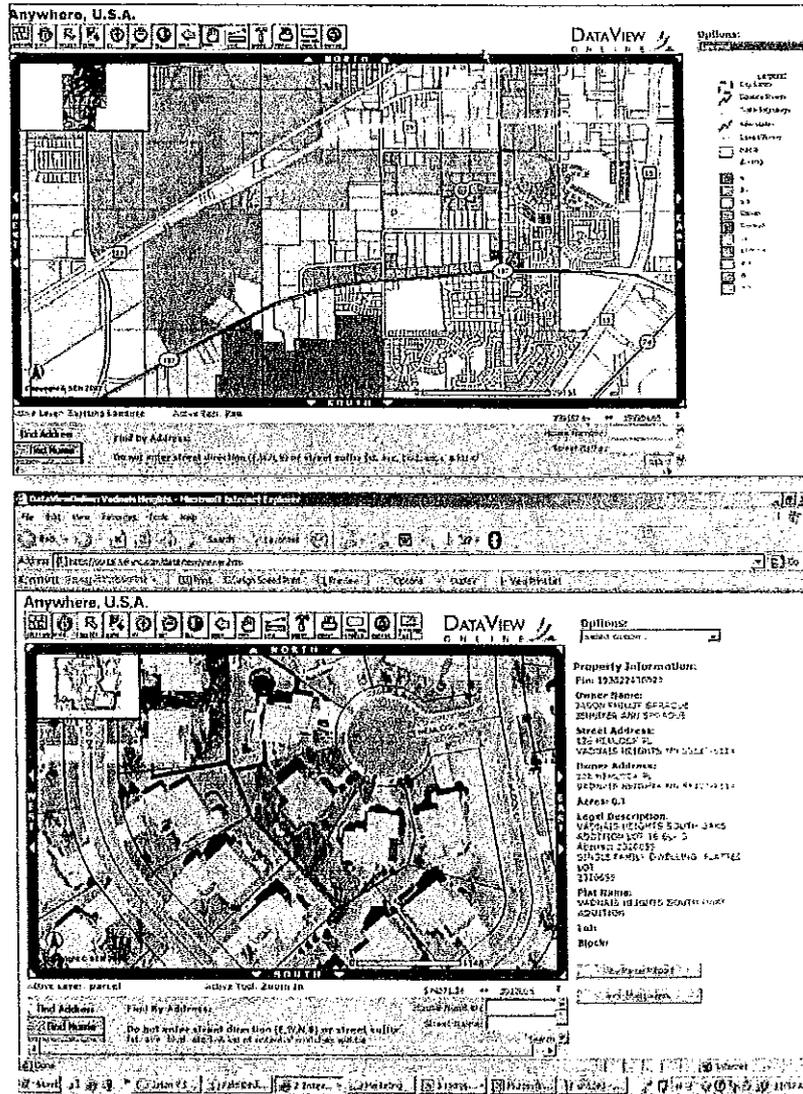
### Be compatible

DataView Online is built with ESRI technology so its data layers (shapefiles) are 100% compatible and interchangeable with other ESRI packages such as ArcView®.

### Other benefits

- No need to purchase or upgrade your data servers.
- No longer the need to purchase licenses of individual desktop GIS applications and their associated annual support/maintenance fees.
- No need to load this software on the desktop – just connect to our secure website login.
- No need to add IT staff to maintain the GIS data and its storage – we will host the information for you and provide you with the secure tools to access your GIS information.
- Provides access to police and fire personnel, public works staff, and/or the city counsel from any location with Internet access given appropriate security
- Data is read-only, safe and secure. No need to worry that someone may inadvertently change the information.
- By having all the information in one place, day-to-day questions from residents can be answered more quickly, freeing staff time to address other city/town needs.

All these features and benefits mean you and your staff will save time and money while creating better results than ever before.



### See for yourself!

Visit the SEH Client Access Point at [www.portal.sehinc.com](http://www.portal.sehinc.com) and login to DataView Online to see how easily SEH can help you address your GIS needs.

At the login prompt, enter the following information:

**User ID:** dvoguest

**Password:** gismap

### Want to learn more?

Call Becky Blue at 800.325.2055 (toll free) or e-mail at [rblue@sehinc.com](mailto:rblue@sehinc.com)