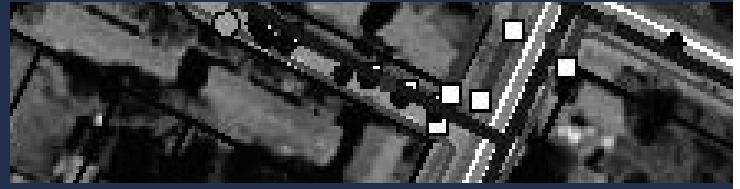


# VUEWorks®

Integrated GIS Asset & Work Management Solutions



## How are You Managing Your Infrastructure?

With VUEWorks Web-based Integrated  
GIS Asset and Work Management Software.

### Map & Data Sharing

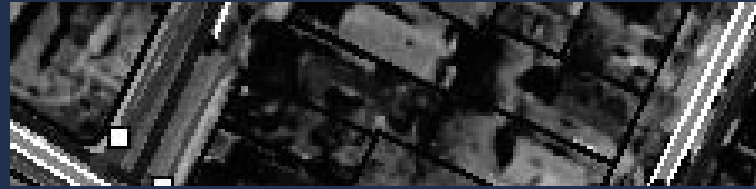
- View maps & data
- Manage users
- Search & report
- Display & manage layers
- List & edit attributes
- Link documents & data
- Manage non-GIS facilities

### Work Management

- Document & track citizen issues
- Manage time & expenses for labor & equipment
- Preventive maintenance scheduling
- Create & track work orders
- Manage quantity & expense for inventory

### Strategic Asset Management

- Track depreciation & value
- Condition rating: UCI/PCI
- Prioritize consequences of failure
- Forecast capital budget needs
- Create & manage capital projects



## Key Challenges Fac-

### VUEWorks Customers Say...

*"The VUEWorks interface is easy for anyone, regardless of their familiarity with computers or this application, to understand what is going on. It is a valuable tool for our staff and to show our constituents what we are doing..."*

- Ryen Tabet, Information Systems Supervisor, Northstar Community Services District

*"Utilizing the risk assessment features in VUEWorks allows us to systematically prioritize where to focus our resources and forecast the impact that capital improvements will have on the condition of our entire system – allowing us to get the most out of our budget."*

- Tom Holder, Director of Water and Sewer Division, Framingham, MA  
Department of Public Works

*"...With VUEWorks we now use the GIS for maintenance, monitoring and management of our assets. In this regard we are getting a better return of our investment in GIS."*

- Pat Giral, Relational Database Administrator 3, Summit County, Ohio

### Citizen Response & Customer Satisfaction

The public requires municipalities to invest significantly in infrastructure systems. Therefore it is critical that cities and towns leverage the use of technology to demonstrate that they are working efficiently and productively to meet the needs of their citizens. Advanced software solutions like VUEWorks are being introduced to improve the way operations and maintenance are accomplished. VUEWorks provides a fast, flexible, easy way to log, track, display and report on calls from citizens and internal clients, ultimately increasing customer satisfaction.



### Retiring Workforce

Organizations make daily decisions aimed at reducing the risk of costly failures. But as time goes on, systems change, people retire, the knowledge base is lost, and the probability of costly failures increases as infrastructure ages. The new generation of managers is finding that the old tactics of replacing aging assets en masse or fixing them after they've already broken are no longer cost effective.



The days of rummaging through old paper documentation and "picking the brains" of senior staffers are rapidly coming to a close. Current processes for managing aging infrastructures are being rendered obsolete because of higher demands, more regulations, time limitations, and tight financial constraints.

Advances in GIS and wireless communication technology integrated with asset and work management software tools like those found in VUEWorks are the "here and now" of infrastructure management, offering a more cost-effective, time-saving solution that helps:

- Mitigate risk
- Document and transfer institutional knowledge
- Make information readily available to all



# ing Municipalities Today

## Fiscal Responsibility

Massive amounts of money are spent every year to rehabilitate or replace deteriorating infrastructure. The all-too-commonplace “fix as you go” methodology of maintaining assets may relieve short-term problems, but does little to ensure the long-term viability of infrastructure systems, leading to higher operating costs and increased risk of property and environmental damage.



Forecasting the necessary budgets for maintaining and rehabilitating infrastructure assets is a complex process – but it is also where

VUEWorks asset and work management technology offers significant benefits. VUEWorks provides a systematic means with which to record, evaluate and track the condition of assets and then use that information to assign a condition index value and the associated consequence of failure. The use of technology to collect and analyze asset data simplifies the creation of capital improvement plans that facilitate increasingly accurate long-term budget forecasts.

## Infrastructure Sustainability

Municipalities must know what assets they have, what condition they're in, and what needs to be done to sustain acceptable service levels to the community – not just for today or next year, but for the long-term. To meet the requirements of the EPA's Sustainable Infrastructure Initiative, cities and towns are also increasingly needing to ensure that their infrastructure is environmentally sound and not contributing to problems like energy waste and pollution.



The easy-to-use, web-based VUEWorks asset and work management software solution provides

the tools necessary to meet these challenges. It supports the systematic implementation of asset management programs that effectively leverage long-term budget planning, life-cycle cost estimating, criticality, preventive maintenance and capital replacement planning.

## Benefits of the VUEWorks Solution

- Using integrated GIS asset and work management technology benefits municipalities by providing tools that:
- Make information about assets more transparent and available to those who need it, when they need it
- Integrate citizen service calls with work order management
- Provide a straightforward method for tracking cost of operations
- Automatically update asset values for GASB 34 reporting when an asset is updated or replaced
- Track asset condition and perform risk analysis for evaluating the consequences of failure
- Reduce the frequency and cost of emergency repairs
- Plan and budget for future replacement projects
- Share data with other departments and connect with other systems improving overall communication and coordination



## The VUEWorks Web-based Integrated GIS Asset and Work Management Software Solution

VUEWorks at its most basic level brings your GIS to all users in the organization as a “*share the map*” viewer without the expense or technical demands of desktop licensing. Everyone can use the maps without the steep learning curve normally associated with geographic information systems.

At its next level, it is a *work management* system that enables users to capture

and address citizen concerns and issues; to initiate, plan and capture work efforts; and to manage all resources used in work orders (i.e., labor, materials, equipment).

At the highest level, VUEWorks is a *strategic asset management* solution that incorporates condition assessment, risk analysis, valuation, budget forecasting, and project planning.

### Easy to Implement, Learn and Use

- Browser-based user interface and ‘plain English’ terminology makes the program accessible to everyone
- Run on your own server or host externally
- Implementation takes days, not months or years

### Cost Effective

- VUEWorks integrates with your existing ESRI GIS and data files
- Using mobile phone wireless cards, staff have real-time access to the full functionality of VUEWorks modules as well as linked data and documents that are stored back at the office, saving valuable time in the field

- If a computer can run a browser, it can run the VUEWorks interface – no need for additional user hardware or software
- Modular pricing structure allows you to only purchase what you need, when you need it, at an affordable price
- Minimal IT resources required to manage the system

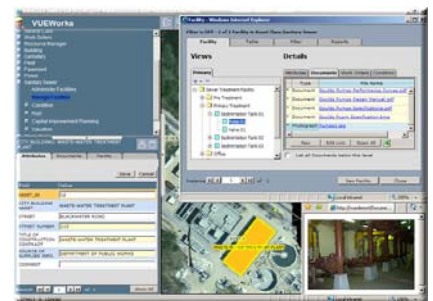
### VUEWorks Works!

- Innovative municipalities are successfully using VUEWorks today to deliver services and manage their infrastructure at a fraction of the cost of many other solutions
- VUEWorks’ channel partners provide local support for system integration, data generation, hosting options and other services.

## VUEWorks 2009

VUEWorks 2009 is the most powerful version of VUEWorks yet. The VUEWorks web-based suite of modules is designed to allow an organization to start managing work processes and capturing citizen concerns with a minimal investment of time and money:

- Start with just the modules you need and add others later when the resources are available
- Modules work independently as well as in concert with each other
- Connect with SCADA and other systems through enhanced ODBC compliant Data Link features
- Trigger work orders automatically from SCADA data



**Contact us today for more information and to schedule a demonstration.**