

How One Environmental Firm Eliminated Project Chaos: Onsite Soil Testing for Septic at Scale

The Challenge: Drowning in Daily Project Management

An established environmental consulting firm executing onsite soil tests for septic site evaluation was struggling with a problem that threatened their growth and profitability: *managing nearly 4,000 onsite soil testing projects a year had become an administrative nightmare.*

What They Faced

- Disconnected systems meant project information was in separate platforms
- Billing delays because project mapping data, scheduling, and invoicing information was not in sync
- Poor coordination between field teams and office
- Weekend work just to keep up with administrative tasks

Despite completing many successful projects, operational complexity was preventing the company from scaling profitably.

The Problem Every Site-Based Business Knows

"We were spending more time managing our systems than managing our business."

Sound familiar? This environmental firm's challenge mirrors the experiences of many businesses who perform work in the field:

- Multiple software systems that don't communicate
- Manual/duplicate data entry in different systems creating errors and delays
- Inability to provide customers with real-time updates



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administrative overhead growing faster than revenue

The OWA Solution: From Chaos to Clarity

Eichcorp designed a platform that made their work easy: a cloud-native integration platform that made their systems work together automatically.



What we connected:



ArcGIS Online

Cloud-based mapping and operations dashboard

- **Manageable growth** without adding complexity
- **Repeat business** from satisfied clients



Quickbooks Online

Invoicing and payments



Google Calendar

Staff and customer appointment scheduling



Gmail

Email notifications for staff and customers



Company Website

Customer work requests with binding agreements



Microsoft OneDrive

Document storage



Google Cloud Platform

OWA's framework for systems integration

How it Works

Instead of replacing existing software investments, OWA created intelligent connections between them. When project information updates in one system, it automatically flows to all related platforms - eliminating duplicate data entry and reducing errors.

Why This Approach Works

Integration, Not Replacement:

OWA leveraged their existing software investments while eliminating the gaps between systems. No expensive software replacements or staff retraining required.

The Results: Transformation You Can Measure

Immediate Impacts:

- **Reduced weekend admin** - Automation handles routine data synchronization
- **Faster billing cycles** - Project completion automatically triggers invoice generation
- **Improved customer satisfaction** - Real-time project tracking and professional communication
- **Reduced operational costs** - Less administrative time per project
- **Scalable growth** - Handle more projects without proportional staff increases

Lasting Benefits:

- **Competitive advantage** through operational efficiency
- **Better decision-making** with real-time project data
- **Professional service** enhanced by seamless customer communication

About Eichcorp

Eichcorp is a software consulting and implementation practice based in Charlottesville, Virginia that specializes in custom software implementation, GIS/mapping applications, software project/product management, and cloud solutions.

Learn More

www.eichcorp.com/solutions

Contact Us

info@eichcorp.com

