

## Environmental data management for regulatory programs

Environmental agencies manage complex regulatory lifecycles—including applications, permits, inspections, compliance reports, evaluations, and enforcement actions—yet many still rely on disconnected systems, spreadsheets, and manual processes.

As a result, staff spend valuable time re-entering data, reconciling information across systems, and developing work-arounds as policies, regulations, and reporting frameworks evolve. At the same time, new federal permitting modernization initiatives are placing **increasing pressure on agencies to modernize environmental data infrastructure** and improve how regulatory information is managed and shared.

By managing regulatory activities within a **single connected platform**, staff can streamline program work, improve data quality, and better support their mission.



## What is nVIRO?

nVIRO is Windsor's flagship environmental software solution **designed specifically for environmental regulatory agencies**.

Developed through more than 25 years of collaboration with environmental agencies, nVIRO embodies decades of experience designing systems for environmental programs. **Widely used and trusted nationwide**, nVIRO continues to evolve to support agencies' operational needs across regulatory programs, including air quality, water quality, drinking water, solid and hazardous waste, underground storage tanks, and compliance and enforcement.

Through a single integrated platform, nVIRO supports the full regulatory lifecycle and brings together the people and information involved in regulatory work, including:

- Regulated entities submitting applications and reports
- Agency staff reviewing permits and managing compliance
- Field inspectors collecting on-site inspection data
- Program leadership monitoring environmental outcomes

By transforming workflows through automated online processes, nVIRO streamlines regulatory work, eliminates duplicate data entry, and helps ensure environmental data is consistent and reliable.

# Why agencies choose nVIRO

## Purpose-built for environmental programs

Unlike generic platforms used by some agencies, nVIRO was designed for environmental regulatory programs. It supports the complexity of regulatory work—program-specific workflows, multimedia data requirements, and evolving regulatory frameworks—without the need for bolt-on customization.

## Adapts as programs and requirements evolve

Low-code tools allow agency staff to configure forms and workflows as requirements evolve—without relying on IT or vendor support.

## Unifies data and systems

nVIRO centralizes environmental program data while integrating with financial systems, document management platforms, GIS tools, and EPA systems—including Exchange Network data flows and CROMERR-compliant submissions.

## Improves environmental data quality

Online applications put data validation at the point of entry, so applicants receive immediate feedback and must resolve issues before submitting. The result is cleaner, more complete data from the start, fewer back-and-forth exchanges with applicants, and faster overall permit cycles.

## Provides secure cloud hosting and data governance

nVIRO is delivered as a fully managed, cloud-hosted solution with enterprise-grade security controls and defined service agreements, ensuring agencies retain ownership and control of all program data.

## Deployed program by program

nVIRO's modular architecture allows agencies to deploy capabilities one program at a time—delivering value early while building toward an agency-wide solution.

## Contact us

Interested in learning more about nVIRO? Contact us to start a conversation about how it can support your agency's programs.

## Key features

- **Application and permit management.**  
Online forms, automated routing, and document generation streamline application and review processes—reducing manual effort, eliminating duplicate data entry, and helping agencies address permit backlogs.
- **Community engagement and public access.**  
Secure external portals allow regulated entities and the public to submit applications, manage reporting, pay fees, and access program information online, improving public transparency and public service.
- **Inspection and compliance tools.**  
Mobile inspection tools allow field staff to collect data on-site—with or without Wi-Fi—and manage findings back in the office, enabling faster responses to compliance issues.
- **Document generation and management.**  
Dynamic, customizable document templates generate permits, licenses, and other regulatory documents.
- **Environmental data analysis and reporting.**  
Built-in reporting tools are designed for program staff, not IT. Agencies can build, customize, and run reports without technical support or outside help.
- **Targeted AI capabilities.**  
Optional AI-powered tools help accelerate permitting and compliance workflows.