

PROJECT SUMMARY

EPA and states are cooperating on the planning phase of a new process to replace the Integrated Compliance Information System (ICIS). The process is being guided by the ICIS Modernization Board, which includes state and EPA leaders in enforcement programs and enterprise information management.

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INTEGRATED COMPLIANCE INFORMATION SYSTEM (ICIS) MODERNIZATION BOARD

Partnering to improve environmental enforcement and compliance programs

With support from E-Enterprise, EPA's Office of Enforcement and Compliance Assurance (OECA) has convened a Modernization Board (Board) to guide the planning and development of a new Integrated Compliance Information System (ICIS). The Board includes EPA and state leaders from Clean Air Act (CAA) and Clean Water Act (CWA) enforcement programs and enterprise information management offices. The Board members will help plan and coordinate input to a Concept of Operations (ConOps) that will describe the desired future state for the programs that use the new system.

Challenge

ICIS—EPA's principal compliance and enforcement data system—is quickly approaching the end of its lifecycle. Co-regulators need a modern system to effectively and efficiently collect, manage, and share the data that underpin compliance and enforcement programs. A modernized system will lower operation, maintenance, and development costs; deploy shared reusable services to reduce EPA's and states' information technology investment; comply with EPA's electronic reporting requirements; and be adaptable, flexible, and able to match the speed of EPA and state regulatory changes. This project presents an opportunity for EPA and its partners to take a fresh look at workflows and business needs to ensure that a modernized system can respond to future requirements and takes advantage of modern technologies.

Benefits

The Board provides a venue for EPA and for state, tribal and local agencies with responsibility for CWA National Pollutant Discharge Elimination System or CAA stationary source authorized programs to discuss the ICIS modernization work and ensure that needs of and impacts on their organizations are considered throughout the project. The first phase of the Board's work is to develop a ConOps document to guide subsequent phases of modernization. The purpose of the ConOps is two-fold:

- Identify major business functions (e.g., workload management) and inputs/outputs that will be supported by a future system that will replace ICIS.
- Capture business requirements that describe user expectations for a prospective enforcement, compliance, and case management information system.

The ConOps will focus on documenting future business processes and workflows rather than defining technology choices.

Accomplishments

The Board, established by charter in 2021 under the governance of the E-Enterprise Leadership Council, is comprised of 10 state and local members and seven EPA members representing air and water programs, regions, and enterprise information management offices. The Board held its kickoff meeting in May 2021.

What's Next?

The Board will meet regularly to develop a draft ConOps in early 2022, laying the groundwork for future phases.