

## Agency Deploys Mission-Critical Special Materials Tracking and Reporting System Under Budget and On Time Using Agile Development

### The Challenge:

A Government oversight agency is responsible for the tracking and reporting on the movement of hazardous materials in the U.S. Over time, multiple local, state and Federal agencies developed independent tracking systems, resulting in a non-centralized process that did not scale, and forced reliance on antiquated systems. The agency contracted with a private sector firm to develop a unified system, but multiple efforts over several years failed to achieve a deployed solution. The mandate was to design, build, and deploy an integrated system.

### The Solution:

- Built consensus among diverse stakeholders to determine a common set of requirements
- Successfully implemented Agile “User Story” technique to gather requirements and visualize stakeholder input, despite competing perspectives and strong opposition
- Instituted contracts to ensure 360-degree agreement on feature set to be built in each sprint
- Managed sprints to speed software development cycle and included stakeholders throughout the process

### The Impact:

- In less than 12 months, IntelliDyne delivered what others couldn’t: A complete, compliant system deployed with all contracted features, error-free and under budget
- Government PM has received accolades for program management
- Client achieved its first successful software development effort using Agile; current work on version 2.0 to expand the program beyond U.S. borders is now underway
- Materials data tracking system is now online, providing crucial data for agency decision makers

## CASE STUDY

IntelliDyne Professionals hold the following certifications relevant to this project:

- PMP
- Agile Development/Scrum Master
- Oracle 11G Database Specialist
- Certified Configuration & Data Manager
- Certified Configuration & Data Specialist
- ITIL

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