



The TTB Challenge

The Tobacco, Tax, and Trade Bureau of the U.S. Treasury Dept. enforces the provisions of the Federal Alcohol Administration Act, collecting \$24 billion in tax revenue in 2018 from the sales of tobacco and alcohol.

TTB needed a new software platform to eliminate reporting inconsistencies, inaccuracies, and the many questions about how to interpret data.

Their existing system needed upgrades, monitoring, and troubleshooting services to meet deadlines and serve the 500 bureau staffers.

"Onyx succeeded in completing deliverables in a timely manner, despite several difficult circumstances, including tight deadlines and licensing restrictions ... Their success demonstrates flexibility, resilience, and a unique ability to exceed expectations."
-Contracting Officer, U.S. Department of the Treasury

Case Study

Onyx Helps Federal Agency Collect Taxes, Track Sales of Distilled Spirits

The roots of the *Tobacco, Tax, and Trade Bureau (TTB.gov)* date back to the early days of America, when the first federal taxes were levied on distilled spirits in 1791. Since that time, TTB has stayed abreast of a now-\$254 billion alcohol industry through modernized services, e-government initiatives, and specialized IT partners like Onyx Government Services.

To keep up with growing government demands, TTB needed a new software platform to better integrate data sources and provide more accurate reporting and more insightful, effective analytic statistics. They turned to Onyx Government Services.

Onyx Solves Database Issues, Resolves Problems

Onyx managed and upgraded the existing SAS and Tableau software programs, including monitoring and scheduling of automated jobs, as well as notifying, troubleshooting, and resolving user issues. TTB employs 500 government workers.

"Onyx was instrumental to the strategy, design, and development of this new analytical environment," said TTB's contracting officer. "The Onyx team enhanced several of our data sources, including providing a new drill-down functionality to show key performance indicators."



The Onyx Solution

Onyx successfully upgraded SAS and Tableau data management software, providing platform support, monitoring, and troubleshooting.

They developed a framework for data governance including system upgrades and facilitating more accurate analysis and reporting benefits.

Proven Results

Onyx successfully upgraded SAS predictive analytics and Tableau data visualization to drive performance and gain more valuable BI insights.

Onyx proved instrumental in procuring the right components, cutting back on waste, leading to substantial cost savings for the federal agency program.

A Need to Understand User Requirements

Onyx has been at the forefront of the project, developing an efficient data governance framework for the bureau. There was a need to more fully understand user requirements, to design and model data to facilitate improved analysis and reporting.

Onyx Drives Performance with Valuable Technical Expertise

Onyx technical expertise has led to valuable agency advancements like more complex visualization and insights to drive performance.

"Onyx's technical expertise has been instrumental to the critical design of the new data source, and to support decision-making [based on our] improved tax compliance goals," agreed the contracting officer.

Federal Tax Bureau Saves Money

Onyx played a major role in ensuring TTB only procured needed technical components, providing a substantial cost-savings.

"Onyx has provided exceptional service," declared the bureau's representative. "They staffed our programs with [technical experts] who have exceeded our expectations. The projects are well managed and provide better quality analytics and faster insights that can assist the bureau in more timely decision-making."

We'll find a way or make one.



The top subject-matter-experts and industry-leading engineers at Onyx understand the business of government.

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