emprata

CLIENT: US NAVY - Bureau of Medicine and Surgery (BUMED)
PROJECT: Command Strategic Tracking and Accountability Reporting Solution (CSTARS)

THE CHALLENGE

BUMED is responsible for executing a variety of critical, data-centric administrative functions on a daily basis, and many of these functions had been performed in a laborious, inefficient manner. In many cases, personalized spreadsheets were being manually manipulated, leading to human error, non-standardized information flow, and redundancy. The CSTARS project was initiated as an ongoing effort to utilize technology to automate and centralize the various reporting processes at BUMED.

NAVY MEDICINE

OUR SOLUTION AND RESULTS

Emprata has eliminated manual workflows, standardized communication, provided increased visibility for leadership, and built trust among BUMED personnel regarding data-related work products.

Emprata helped to implement CSTARS by designing and developing a custom decision-support software solution comprised of:

- A centralized, robust, and scalable data warehouse
- Extract, transform, and load (ETL) processes to integrate data from numerous BUMED systems, leading to standardized data storage and retrieval
- Web-based data dashboards with an easy-to-use interface that includes custom filtering, visualization of key performance indicators (KPIs), and interactivity at both an Executive Summary and granular level
- Personalized access to different user groups including leadership, system owners, and other BUMED personnel
- Custom modules that are developed in 3-week Sprints and then integrated within CSTARS to meet additional emerging needs