

Managed Service: Enterprise Analytics

Scope of Work:

United States Department of Housing and Urban Development (HUD) required a data analytics, managed services team, with enterprise MicroStrategy reporting design, development and delivery skills. The Vignetic data analytics practice has been engaged on a five (5) year contract to provide accurate, timely and reliable Public Housing Assessment System (PHAS) scores assessing the condition of the government's portfolio of safe, decent and affordable housing.

The Vignetic team is responsible for the full ETL life-cycle of data sourcing, validation and verification for PHAS scores before reporting to Government Accountability Office (GAO), Office of Inspector General (OIG) and Congress.

Results and Outcomes:

- Develop a MicroStrategy Reporting Suite to ensure that NASS could respond to all client reporting needs in a timely manner with accurate PHAS and Section 8 Management Assessment Program (SEMAP) data, including Congressional and Front Office requests.
- Advise NASS Business stakeholders in managing PHAS scoring to ensure that accurate business rules and reporting were utilized for all PHAS scores issued, as well as key ad hoc reporting, such as Troubled PHA Report and High Performer List.
- Assist NASS in meeting PIH-REAC goals of 90%+ PHAS scores.

Innovation and Best Practices:

- Transitioned to Agile methodology, for seamless and continuous reporting on a real time basis via MicroStrategy Dashboards and Reports.
- Developed Web Interface for MicroStrategy Reporting Suite, allowing users the ability to create, execute and share reports.
- Created the Data Mart and shared reports functionality using attributes, custom groups, drill maps, filters, metrics and prompts to provide users with access to The Office of Public and Indian Housing (PIH).
- Utilized a standard online protocol for cyclical and ad hoc reporting to support PIH-REAC decision-making.

Client:

U.S Department of Housing and Urban Development

Period of Performance:

2014 - 2019

Project:

MicroStrategy Reporting and Business Support Services

Proof Positive:

90%+
PHAS Scores
Achieved