The United States Secret Service

Financial Data Systems
Overview

Office of the Chief Financial Officer
May 09, 2019
Our Financial Systems “TOPS”

The USSS OCFO Financial System is comprised of four programs: Travel, Oracle, Prism, and Sunflower (TOPS)
The Oracle R12 Upgrade

USSS upgraded their Financial Management System to **Oracle R12** in the fall of 2017

The Oracle R12 upgrade aligned the USSS with the latest Department of Homeland Security Accounting Classification Structure and the Common Appropriation Structure

---

**Enhance Financial Data Reporting**

- The new accounting structure minimizes the amount of data entry required. Users now enter a four-segment line of accounting (POET) instead of six.
- The new accounting structure allows Directorate Financial Managers (DFMs) to distribute funds in Oracle down to the lower-level tasks.
- R12 is Streamlined into the USSS Financial Repository of Enterprise Data (FRED). DFMs can manage their budget execution through the report within FRED.
- Provided users with Oracle R12 training and support resources during the implementation and stabilization periods:
  - Computer-Based Training Sessions
  - Intranet “Knowledge Center”
  - R12 Help Desk
  - Champions Network
Our Financial Reporting Database

The Financial Repository of Enterprise Data (FRED) is a tool that makes USSS budget and financial information more accessible across the organization and provides accurate and efficient reporting and data analysis capabilities.

- **TOPS Financial Systems**
  - Travel System
  - Oracle Federal Financials
  - PRISM
  - Sunflower Asset Management

- **FRED**
  - Data Repository
  - Business Intelligence

- **Outputs**
  - Dashboards
  - Directorate-Centric Reporting
  - Standard Budget Financial Reports

- **FRED** is fully integrated with all of the TOPS source systems and updates on a continuous cycle.
- **FRED** contains all data (over a billion records) from FY2004 through present day.
- **FRED** currently provides 350+ reports and dashboards to all USSS employees.
Data Analytics Development Process

**Problem Statement**

- Define business problem
- Acquire domain knowledge

**Data Collection and Data Transformation**

- Obtain software tools
- Obtain data access
- Understand data process flow

**Data Validation**

- Check for data inconsistencies
- Aggregate data to relevant levels of granularity

**Data Analysis**

- Develop relevant metrics
- Explore data to gain preliminary insight

**Data Visualization**

- Determine audience members
- Design and deploy visualization to best communicate results

---

Our Method to Developing Data Analytics

- Start here

Prepared by the Office of the Chief Financial Officer
USSS Data Analytic Outputs

- **Travel (Daily):**
  - Voucher Process Time Analysis
  - Processor Analysis
  - Pending Voucher Analysis

- **Payroll (Biweekly):**
  - Overtime By Employee Type
  - Overtime High Volume Divisions
  - Max-Out Analysis

- **Budget (Daily):**
  - CFO Status of Funds
  - Procurement Dashboard
  - UNGA by Task and OC
Case Study: Travel Voucher Analytics

- **Problem:**
  - Identified a bottleneck in the Travel Voucher review process from reviewing the daily Travel Voucher Dashboard.

- **Solution:**
  - Broke down the backlog of vouchers to-be-audited by voucher value. Found the threshold that maximized the number of vouchers expedited while minimized the impact on budget.

- **Impact**
  - Expedited the Low Risk Vouchers through the voucher review process such that the travelers can get paid on a timely manner.
Questions?

Thank you!
Questions?

Backup Slides
The **Oracle R12** upgrade aligned the USSS with the latest DHS Accounting Classification Structure and the Common Appropriation Structure.

### Enhance Financial Data Reporting

- The new accounting structure minimizes the amount of data entry required. Users now enter a four-segment line of accounting (POET) instead of six.
- The new accounting structure allows Directorate Financial Managers (DFMs) to distribute funds in Oracle down to the lower-level tasks.
- R12 is Streamlined into the USSS Financial Repository of Enterprise Data (FRED). DFMs can manage their budget execution through reports within FRED.

### R12 Training & Support Resources

- Computer-Based Training Sessions
- Intranet “Knowledge Center
- R12 Help Desk
- Champions Network