

# BUSINESS ANALYTICS

## Spend management for a large multinational corporation

**Client:** Contracted with a data analytics consulting firm and contributed to a spend management project for a large multinational corporation

**Objective:** To provide spend analysis input for overall spend management initiative

**Deliverables:** Aggregated, cleansed, enriched, and classified data from accounts payable, pCard, eProcurement, and contract management systems in preparation for analysis. Used proprietary business intelligence tool to build spend analysis dimensional models. Created dashboards and reports to highlight results.

**Results:** Benefits from the analytical spend work included:

- Consolidated view - Data from multiple systems and across different geographies was aggregated.
- Cleaned & enriched data - Work was done to ensure data integrity. All spend was converted into US dollars. Parent and subsidiary organizations were grouped.
- Categorized spend - All line items were classified into a three-tiered commodity hierarchy.
- Automated processes - To reduce the effort of ongoing spend management refreshes, automated spend classification rules were built.
- Dashboards & reports - Model results were summarized and presented for quick takeaways. Standard graphs included spend by: category, vendor, region, and business unit.

Insights from the spend analysis work led to procurement savings and efficiencies. These benefits were achieved through steps such as: consolidating commodity spend, rationalizing suppliers, renegotiating vendor contracts, eliminating maverick (off-contract) spend, and streamlining internal purchasing processes.

