

CUSTOMER STORY

US Federal Agency Modernizes Web-Based Authentication System and Reduces Fraud with Real-Time Data Enrichment



Our customer is responsible for overseeing lawful immigration to the United States. This important and broad mission includes the verification of employment eligibility – a process which requires close interaction with the US business community. This agency processes over 20 million employee verification cases per year, a process that relies on employers to access a self-service portal to determine employee eligibility.



THE CHALLENGE MISSION-CRITICAL WEB-BASED SYSTEM WEAKENED BY UNRELIABLE DATA

While the movement of people across domestic borders can positively impact the economy, it also presents security ramifications – particularly in today's highly competitive, globally connected marketplace. Immigration agencies must equip themselves with comprehensive, detailed, and verified information about the entities and individuals involved in immigration processes.

This federal agency established a system to facilitate the verification of employee eligibility to work in the US. After completing a successful pilot program, the agency upgraded to a fully functional web-based portal. Since the portal lacked a formal process to validate employers, the system remained exposed to potentially malicious use. Due to the lack of verified data, the agency was not able to accurately report on size, location, and industrial classification of the companies actively using the system.



THE SOLUTION REAL-TIME DATA MATCHING AND ENRICHMENT

To enable the real-time identification of employers during the registration process, the agency deployed Dun & Bradstreet's custom matching technology through application program interfaces (APIs).

By mapping each registered employer to the D-U-N-S® Number unique entity identifier, information from our global business database is integrated into the agency's system, allowing the agency to establish a verified identity for each employer. The solution also enables activity tracking and detailed business operation profiles for each employer.



RESULTS AND ROI RELIABLE ANALYTICS, REDUCED FRAUD, AND ENHANCED OVERSIGHT

Today, several thousand businesses are vetted and evaluated for acceptance into the program each year, in near real-time – resulting in substantial efficiency gains. This allows agency staff to focus on other mission-critical objectives such as the resolution of exceptions identified during the registration process, the evaluation of potential fraud, and monitoring of the system for unlawful uses.

This Dun & Bradstreet enriched data environment also provides the agency with enhanced oversight capabilities, enabling the publication of accurate program statistics and capture of valuable trend data based on the profiles of companies using the system.

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