



ASSET

The Irish Aviation Authority (IAA) was concerned that aeronautical data that lacked integrity, was non-compliant with industry standards, or was derived from sources of questionable origin could have significant adverse effects on aviation and safety. They needed a “one-stop-shop” solution that would provide them with “trusted data” that could be accessed from any location without significantly adding to operational or personnel costs. CGH Technologies, Inc. had developed data-origination tools that guarantee reliable aeronautical data that are in use by civilian and military entities in the United States. However, the IAA needed software tools that could meet global Aeronautical Data and Aeronautical Information Quality (ADQ), Quality Management System (QMS) and International Civil Aviation Organization (ICAO) standards for data accuracy and integrity, while holding down development and training costs.

After many months of collaboration, the IAA and CGH developed the Aeronautical Surface Screening Evaluation Tool (ASSET), a unique modular software tool based on a Software-as-a-Service (SaaS) delivery model. ASSET performs on a web enterprise platform, allowing users to view, map and review authoritative digital data at anytime from anywhere in the world. Best of all, the modular design means that the same functionality that will improve aeronautical safety in Irish airspace can be used, with the addition of country-specific datasets and language modifications, in any other country in the world. This, in turn, has led to major changes in the corporate cultures of the IAA and CGH, with greater focus on providing tools that meet the needs of government aviation entities that are both domestic and global.