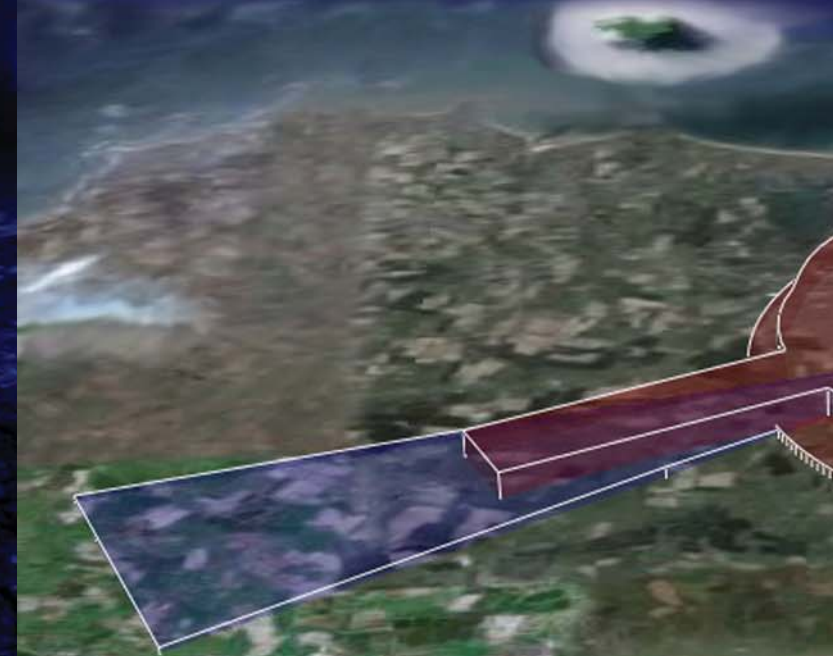


Screening Evaluation Tool[®]

Airservices UK Ltd.
10 Wandle Way
Mitcham, Surrey CR4 4NB
United Kingdom
Tel: +44 (0) 208.646.1110
Fax: +44 (0) 208.646.1600
www.airservicesuk.com

CGH Technologies, Inc.
600 Maryland Avenue, SW
Suite 800W
Washington, DC 20024
United States
Tel: +1 (202) 554.7774
Fax: +1 (202) 554.5263
www.cghtech.com

Syneca Research Group, Inc.
P.O. Box 2381
Fairfax, VA 22031
United States
Tel: +1 (202) 580.7525
Fax: +1 (202) 580.7545
www.syneca.com



ASSET[®]

Today for Safer Skies Tomorrow

www.asset-international.com

Evaluating Proposed Obstacles

Compliance with ICAO

Compliance with ICAO Annex 15, Amendment 33, Chapter 10 is challenging States to gather and make available specific electronic terrain and obstacle data for pre-defined designated Areas known as Area 1, 2, 3 and 4. Ideally the data should be presented in a geographical information format to readily permit evaluation and presentation to users.

ASSET – An innovative eTOD

Solution

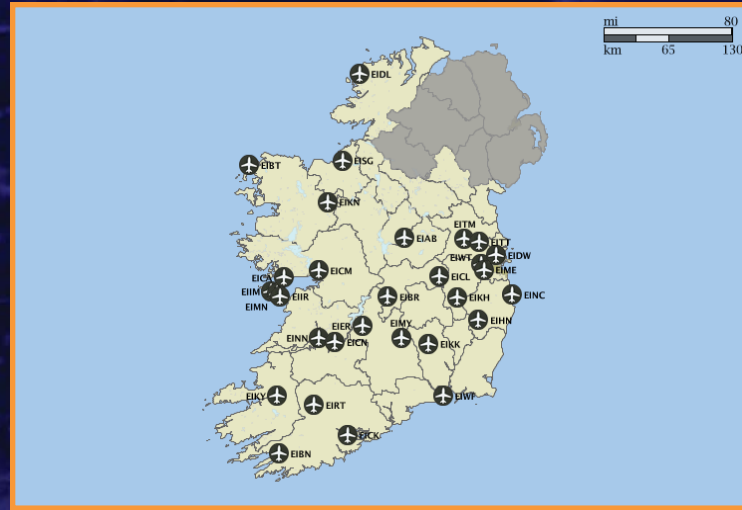
The underlying concept of Aeronautical Surface Screening Evaluation Tool (ASSET®) is to provide States with a unique software service and a centralised storage for all their electronic Terrain & Obstacle Data (eTOD). This Software as a Service (SaaS) delivery model can significantly assist States by creating and maintaining their ICAO-compliant database for obstacles and terrain publications.

Simple Set-up

ASSET®, developed by CGH Technologies, is designed on a web enterprise platform, assuring access 24/7 from anywhere in the world. Each State would simply need to provide its datasets either electronically (preferred method) or by other formats so that the data can be stored in the State's specific database. Once loaded, the State would review the data by report mechanisms to ensure data accuracy and validity. On completion, the State can allocate responsibilities to Users involved in the assessment process. The application is then ready for obstacle and other airspace data input.

Advanced Capabilities

ASSET® allows States to collect, store and publish proposed and existing obstacle studies. The application processes the analysis with a GIS toolset using State-provided maps. This enables States to review proposed construction or any changes to obstacles by displaying them in both two dimensional (2D) and three dimensional (3D) visualisation.

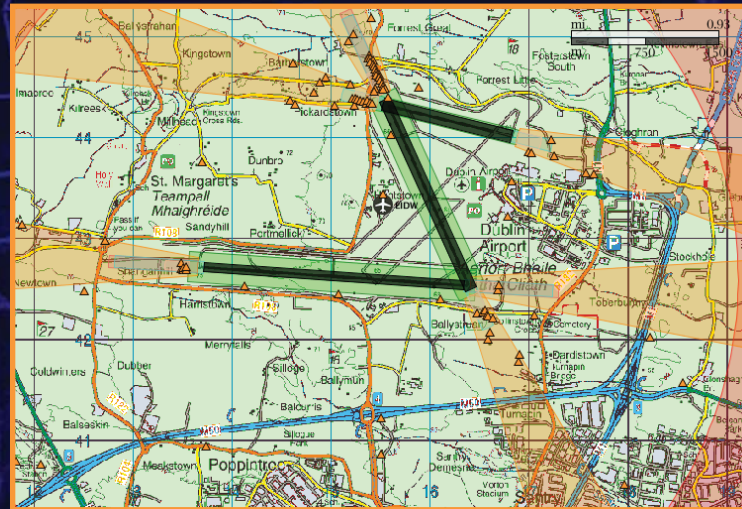


ASSET® Extractions of Areas 1-4

Area 1 (The State):
Map of Ireland with all aerodromes labeled.



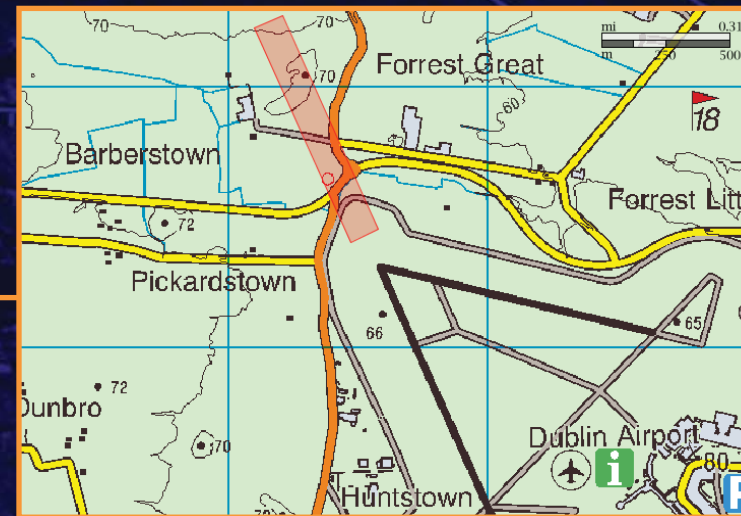
Area 2 (Terminal Control Area):
Map of Greater Dublin with additional aerodrome details visible.



Area 4 (CAT II and III Operation Area):
Map of operation area at Dublin International.



A three-dimensional view
of Dublin International.



Area 3 (Aerodrome Area): Map of Dublin International with various obstacles marked by orange triangles and obstacle limitation surfaces shown.

Advanced Capabilities (continued)

Multiple layer functionality allows States to visualise the relationship of the proposed or existing obstacle with aerodrome, Annex 14 Controlling Surfaces, OEI, NAVAID or other data sets for decision making in order to provide a response back to the Applicant. Additionally, ASSET® permits a single or multiple graphic point entry for a complete analysis on a point by point basis. The data stored is available in the latest Aeronautical Information Exchange Model (AIM) XML format.

Fully Secure System

The security model in ASSET® ensures access to the data only by State authorised Users. The data contained in the ASSET® application can be published on the State's website through an XML interface. ASSET® display of map location of proposed and existing obstacles provides the State with a mechanism for compliance with ICAO publication standards. State data is fully encrypted and backed up on a continuous basis for additional security.

Significant Cost Savings

The digitisation of the obstacle application and assessment process results in a significant reduction of administrative costs and time. The decrease of paper flow, the automation of many of the processes and the turn-key support features make the terrain and obstacle evaluation process more efficient. In the USA, the system has already been proven to provide over 50% savings in the cost of processing obstacle data.

Efficient Assessment Process

The ASSET® online platform includes a Public and an Authority interface, each one being supported by graphical tools to maximise the user experience and facilitate the evaluation process. The principal of the common platform offers status monitoring, efficient flow and up-to date information at any time to all parties involved in the assessment process.

For Further Information

Please contact an ASSET® representative for a complete online demonstration and temporary access for your review or for more information, visit www.asset-international.com.