Airbus Turns Imagery into Insight with OneAtlas Platform

Airbus Defence and Space has released a new version of the OneAtlas platform, its collaborative environment to access premium imagery, perform large-scale image processing, extract industry-specific insights and benefit from Airbus assets for solution development.

"The OneAtlas platform is the cornerstone of disseminating our imagery and services. It provides immediate access to data and analytics and gets it into the hands of many more users and partners to create new business opportunities," said Francois Lombard, head of the intelligence business at Airbus Defence and Space.

The OneAtlas platform provides access to data within the Living Library as well as value-added layers, Basemap and WorldDEM. The Living Library contains multi-resolution and premium optical satellite data, updated daily and immediately available via streaming, download and API. Basemap is a curated global imagery layer, updated annually and created from 1.5m and 0.5m resolution imagery. WorldDEM dataset, for 3D analytics and rendering, is available in streaming format.

The OneAtlas platform also combines premium imagery and industry-leading expertise to deliver thematic services. The first one being new change detection capabilities, which allow monitoring and analysis using machine learning to automatically detect and identify infrastructure changes. Second is Ocean Finder, for maritime-focused applications, that allows users to directly order satellite-based maritime detection and identification reports. Additional thematic services include those to help serve environmental needs: Starling, that supports companies to monitor their forest impact with unprecedented accuracy; Verde, a new API service that delivers detailed crop analytics with easy-to-use vegetation maps.

OneAtlas is available now at oneatlas.airbus.com and will be soon accessible by mobile app.