

GEOINT Solutions from The Carbon Project



CarbonCloud[®] Sync

The Carbon Project is pioneering a new era where location-based information can be used anywhere and by anyone, regardless of the system that provides it.

Source Management through Interoperability

CarbonCloud Sync provides a flexible platform for data collection from multiple GEOINT sources. Based on open standards for interoperability, CarbonCloud Sync validates and disseminates geospatial updates throughout federated services, capturing in-house, co-producer and open-source updates at the same time. Existing GIS infrastructure is further enhanced with tools for non-GIS professionals, including mobile phones, enabling geo-referenced updates from the field directly to fusion centers.

The CarbonCloud Sync system leverages common interoperability standards from the Open Geospatial Consortium (OGC) supported by most commercial-off-the-shelf (COTS) GIS including ESRI, ERDAS, CubeWerx, Intergraph and OpenGeo. The platform integrates with existing systems and processes in a non-disruptive and cost-effective manner. Furthermore, the platform can be deployed on a standalone server or on the Microsoft Azure Cloud, reducing IT costs.

Using sophisticated data processing algorithms, CarbonCloud Sync enables seamless integration with civilian, federal and international agencies, bridging together vendors, platforms, and data schemas. CarbonCloud Sync's use of interoperability and open standards provides the perfect platform for multi-source GEOINT collection and production while maximizing existing GIS investment.

The Carbon Project 
Innovative Geosocial Solutions