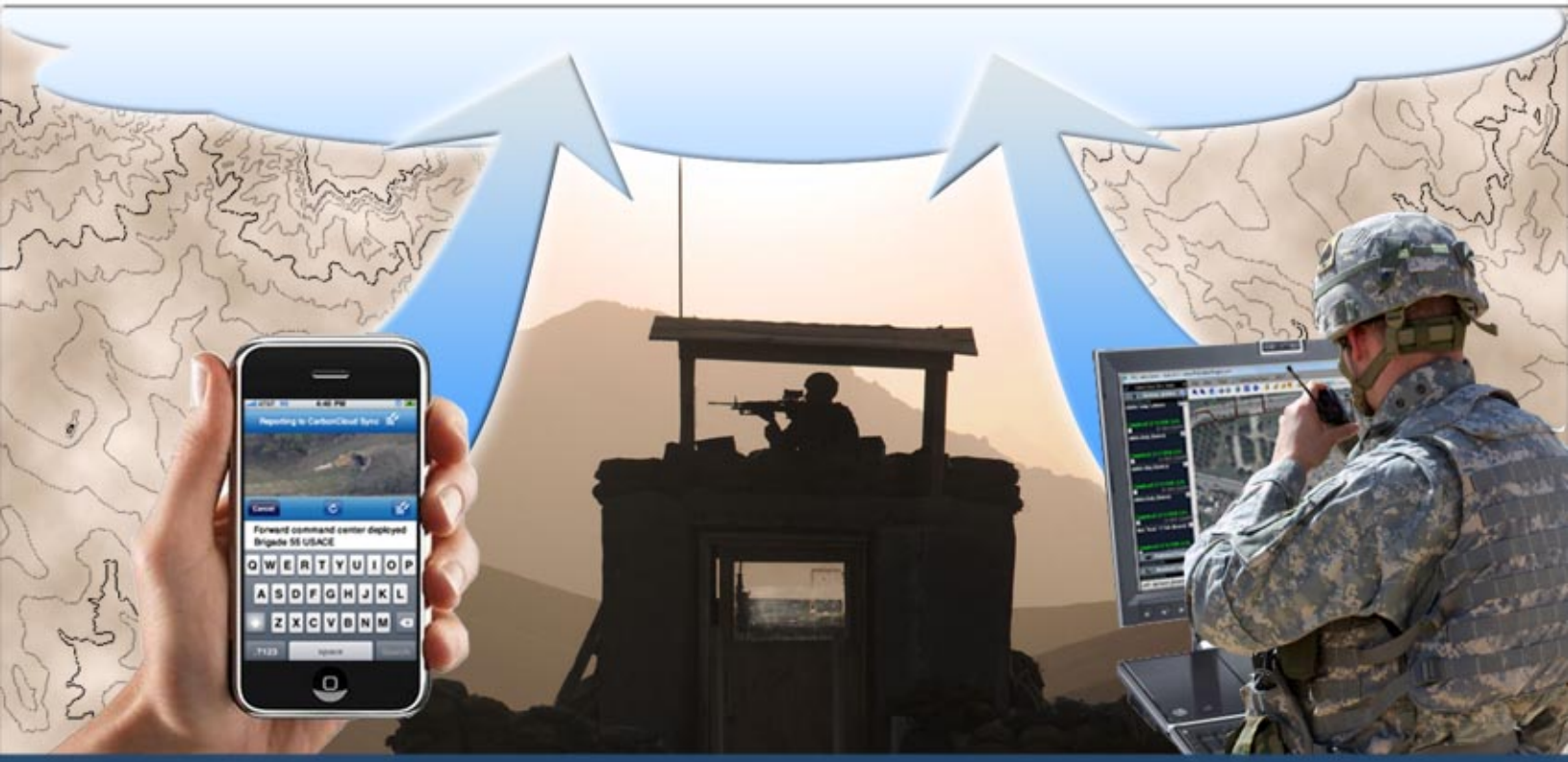
Defense Solutions from **The Carbon Project**



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.

Geospatial Collaboration through Interoperability

CarbonCloud Sync provides a cutting-edge platform for collaboration and coordination of geospatial updates from GIS and mobile units. Based on open standards for interoperability, CarbonCloud Sync validates and disseminates geospatial information throughout all echelons, capturing both base-plant and field-sources updates at the same time. Existing GIS infrastructure is further enhanced with tools for non-GIS professionals, including mobile phones, to contribute geo-referenced updates from the field directly to the spatial data infrastructure (SDI).

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 ArcGIS Server. The platform integrates with existing systems and processes in a non-disruptive and cost-effective manner. Furthermore, the CarbonCloud Sync platform can be hosted 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 vendors, platforms, and data schemas. CarbonCloud Sync's use of interoperability and open standards provides the perfect platform for geospatial collaboration while maximizing existing GIS investment.

The Carbon Project
Innovative Geosocial Solutions

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