HawkEye 360 Launches First Commercial Product RFGeo

HawkEye 360 has announced the launch of RFGeo, a first-of-its-kind radio frequency (RF) signal mapping product. RFGeo uses the unique data generated by the HawkEye Constellation of space-based RF sensing satellites to identify and geolocate RF signals, providing a new global geospatial data layer. RFGeo is the company's first commercially available product.

"With the launch of RFGeo, HawkEye 360 is now fulfilling customer orders," said HawkEye 360 chief executive officer John Serafini. "Through RFGeo, customers will access the powerful RF analytics generated by our satellite constellation so they can gain a more comprehensive view of the world. We are much more than just a data source. HawkEye 360 is bringing truly compelling RF analytics to the market, further cementing our position as an exciting and fast-growing leader in the new space field."

Although RF signals are ubiquitous, there has never before been a commercially available product that can independently locate, process and track a broad range of signals. RFGeo will initially support identification and geolocation of maritime VHF radio channels, marine emergency distress beacons and vessel Automatic Identification System (AIS) signals. In the coming months, HawkEye 360 will expand the signal catalogue to support more applications. Mapping RF signals will provide valuable insights for many markets, such as defence, border security, maritime, emergency response and telecommunications.

"RFGeo provides our customers with a new view of activities on Earth using the RF spectrum," said HawkEye 360 director of product Brian Chapman. "We are enabling customers to link RF signal geolocations from our RFGeo product to events occurring around the world. RFGeo will help customers monitor RF signals to support a wide range of high-value applications and missions, such as maritime domain awareness."

RFGeo is part of HawkEye 360's core product line for delivering global spectrum awareness. The product simplifies the complexity of understanding RF signals by providing the coordinates and observed characteristics of the identified emitters. RFGeo delivers the RF analytics in a standardized format for loading into common commercial GIS software tools for further analysis.

For more information, visit www.he360.com/products/rfgeo.

https://www.gim-international.com/content/news/hawkeye-360-launches-first-commercial-product-rfgeo-2