



KVH Watch Adds New Cloud Connect Service Bringing Data from Sensors to the Cloud for IoT Smart Shipping

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Maritime innovator KVH's new advanced hybrid cloud environment supports large data volumes and provides high-speed data processing on the edge

MIDDLETOWN, R.I., Nov. 03, 2021 (GLOBE NEWSWIRE) -- KVH Industries, Inc., (Nasdaq: KVHI), a global leader of maritime satellite connectivity, announced today that it has expanded its KVH Watch[®] suite of maritime IoT solutions with Cloud Connect, a service designed to utilize advanced edge computing to enable integration of maritime applications and digital services for smart shipping. The Cloud Connect service has undergone onboard-vessel trials and is available to order today for shipping on November 30, 2021.

Cloud Connect is designed to address the complexity of managing data from hundreds of onboard sensors with a comprehensive package containing data source definitions, data mappings, and associated dashboards. An onboard Cloud Connect Edge Server aggregates and processes data from vessel sensors and provides a containerized, hybrid cloud architecture to enable downsampling, data storage, and data access for analysis, cloud-based data reporting, and dynamic visualizations.

"The power of Cloud Connect is its ability to turn data into economic benefits for a fleet of vessels," says Sven Brooks, senior director of IoT business development for KVH. "With Cloud Connect's data acquisition, aggregation, and analysis capabilities, connectivity from the sensor level on vessels to analytics in the cloud is poised to change the paradigm at sea."

KVH Watch Cloud Connect is designed to deliver an edge-to-cloud IoT connectivity solution for the many stakeholders in the maritime industry. Vessel owners and operators can see operational data in real time, such as noon reports, MRV reports (monitoring, reporting, and verification), or EEXI (energy efficiency existing ship index) compliance; they can also see how each system and ship performs based on chosen key performance indicators. Equipment manufacturers and multi-card service providers can monitor onboard equipment to support service contracts and warranties via versatile data analytic reporting tools and customizable dashboards. Vessel performance optimization and analytics consultancies can rapidly deploy digital services, condition-based alarms, and dashboards for fuel savings and operational efficiencies throughout a fleet using KVH blueprints written to the ISO 19848 standard normalizing data channel names for comparisons.

Cloud Connect is part of the KVH Watch maritime IoT suite, which includes the ability to perform on-demand Remote Expert Interventions using video, voice, or text via KVH's global HTS network. KVH Watch is designed with stakeholder budgets in mind as a Connectivity as a Service (CaaS) program offered for an all-inclusive monthly fee with no equipment purchase CAPEX or maintenance costs for the Watch terminal, Cloud Connect equipment, or Remote Expert Intervention equipment for the subscription duration. For cybersecurity, the KVH Watch antenna provides an isolated-for-purpose LAN, data connectivity at the sensor level, a secure Wi-Fi network for SOLAS-regulated spaces, and a dedicated connectivity solution separating IT and OT as recommended by IMO 2020.

KVH is dedicated to supporting and accelerating smart shipping by making monitoring, data analysis, remote service, and actionable data at deep sea a reality. Key to the solution is an ever-expanding network of Watch Solution Partners with the expertise to provide industry-leading IoT services enabled by Watch connectivity.

Note to Editors: For more information about Cloud Connect and the KVH Watch suite of maritime IoT solutions, please visit kvh.com/watch. High-resolution images of KVH products are available at the KVH Press Room Image Library, kvh.com/Press-Room/Image-Library.

About KVH Industries, Inc.

KVH Industries, Inc., is a global leader in mobile connectivity and inertial navigation systems, with innovative technology designed to enable a mobile world. A market leader in maritime VSAT, KVH designs, manufactures, and provides connectivity and content services globally. KVH is also a premier manufacturer of high-performance sensors and integrated inertial systems for defense and commercial applications. Founded in 1982, the company is based in Middletown, RI, with research, development, and manufacturing operations in Middletown, RI, and Tinley Park, IL, and more than a dozen offices around the globe.

This press release contains forward-looking statements that involve risks and uncertainties. For example, forward-looking statements include statements regarding the expected competitive advantages of KVH Watch, anticipated date of commercial availability, the scope of services to be offered, the pricing and expected benefits of KVH Watch, and the predicted impact on customer expenditures. Actual results could differ materially from the forward-looking statements made in this press release. Factors that might cause these differences include, but are not limited to: unanticipated technical and other challenges that arise during beta testing and launch of new services; unanticipated technical, legal, and regulatory delays with the launch of the new services; customer response to KVH Watch; potential future changes to the pricing or other terms of KVH Watch; and potential unforeseen costs or expenses of providing the products and services included in KVH Watch subscriptions. These and other factors are discussed in more detail in KVH's Form 10-Q filed with the SEC on July 30, 2021. Copies are available through its Investor Relations department and website, investors.kvh.com. KVH does not assume any obligation to update forward-looking statements to reflect new information and developments.

KVH Industries, Inc., has used, registered, or applied to register its trademarks in the U.S.A. and other countries around the world, including but not limited to the following marks: KVH and KVH Watch. All other trademarks are the property of their respective companies.

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