Navtech Radar receives FCC approval for 35GHz ITS and security radars

After successful deployment of 77GHz radars in US airports, Navtech adds 35GHz model for Intelligent Transportation Systems and Critical Infrastructure Security

MERRITT ISLAND, FLORIDA, USA, September 7, 2021 /EINPresswire.com/ -- Navtech Radar, based in Oxfordshire, UK and founded 20 years ago, has become the global leader in W-Band radar solutions for Intelligent Transportation Systems (ITS) and Critical Infrastructure Security applications. Until recently, Navtech solutions have been restricted to airports in the U.S. because of FCC restrictions. Navtech has since released a Ka-Band version of its high performing radars, received equipment authorization by the FCC, and has appointed Daniel Flynn as their local U.S. Representative.

Dan Flynn is based in Merritt Island, Florida, and is also President of Security Radar Integrators. Dan has 20 years' experience deploying radar-based surveillance and automation solutions, with the last 12 years focused on Navtech Radar. These years have been spent working with consultants, integrators, and end users to deploy and support Navtech systems in the U.S. and around the world with excellent results. Dan's most recent Navtech deployment in the U.S. is at San Francisco International Airport, where it automates perimeter security and was highlighted in the October issue of Airport Improvement magazine.

For Highways, Navtech is rolling out their ClearWay ITS solution, which is widely deployed in Europe and Asia. ClearWay uses Navtech radars and advanced detection and classification algorithms for Automatic Incident Detection (AID), Stopped Vehicle Detection (SVD), Wrong Way Driver Detection, Queue Detection, and many other ITS use cases. With the ability to integrate with existing Traffic Management Systems, ClearWay is a powerful addition to ITS safety and efficiency programs.

For Security, Navtech is expanding their AdvanceGuard security platform from US airports to industrial plants, electric utilities, data centers, and other critical infrastructure applications. AdvanceGuard leverages Navtech's high resolution radars to detect and respond to intrusions before they get to a perimeter and follows them with cameras until the issue is resolved. AdvanceGuard also has classification and user defined rules that allow it to detect and respond to many safety and security scenarios based on objects, location, behavior, and time.

Why Navtech Radar?

In general, Navtech's 360° radars are preferred over panel radar, video, and Lidar where you have a need for a wide field of view, long range, and the ability to operate at night and in bad weather. By combining these advantages with Navtech's ClearWay or AdvanceGuard platforms, more capable Safety and Security solutions can be deployed with less infrastructure which translates to lower lifecycle costs.

The high-resolution, 360°, long-range radar builds a data-rich picture of its surroundings, in any environment and in any weather. Combined with its intelligent software, ClearWay and AdvanceGuard, Navtech Radar solutions provide unrivalled performance in the most challenging conditions. The systems are easily configured to the most complex customer requirements and integrates with all existing systems.

About Navtech Radar

Navtech Radar is a world-leading innovator, award-winning designer and manufacturer of commercially deployed radar solutions. Its ground-breaking technology is utilized by clients across industry sectors, including Security Surveillance, Industrial Automation and Traffic Safety.

Navtech has harnessed the power of the latest radar technology for commercial applications, offering cost-effective solutions of the highest quality. Renowned for investing heavily in innovation, research and development, Navtech has earned an unrivalled reputation for products that are high performance, robust and extremely reliable. Its systems are often used in mission-critical applications where safety and security are vital.

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