

Teledyne Paradise Receives WGS Certification for Satcom Modems

Secure, highly configurable QFlex-400 and Q-Lite modems now WGS-certified

RANCHO CORDOVA, CA – January 7, 2021 – [Teledyne Paradise Datacom](#) announces that two of their flagship modems have officially been certified for use in the Wideband Global Satcom (WGS) system, the high capacity satcom system partnership between the Defense Departments of the U.S., Canada, and Australia.

Part of the [Teledyne Defense Electronics Group](#), Teledyne Paradise Datacom (Paradise) completed the WGS certification process with two of their leading software-defined modem products, [QFlex-400](#) and [Q-Lite Compact Modem Card](#).

Approved for use on WGS satellites by the U.S. Army Forces Strategic Command (ARSTRAT), both software-defined modems are versatile, highly configurable, and field-proven as two of the industry's most secure modems helping to ensure uninterrupted data transmission. WGS users will deploy the Paradise modems as datalinks for voice / data / video and internet data transfer for secure government communications over the WGS satellite constellation.

“The WGS certification process is one of the most stringent and demanding certifications for any satcom manufacturer to successfully complete,” said Mike Towner, Senior Director of Sales and Marketing for Paradise. “This certification is testament to the secure foundation of Paradise PCMA+ modem technology that we have long delivered for mission-critical applications.”

The QFlex-400, the highest data rate modem in the Paradise portfolio, has an array of features that support the most powerful bandwidth-saving technologies on the market, including DVB-S2X, carrier-overlap technology allowing transmit and receive carriers to occupy the same segment, and IP features including Adaptive Code Modulation acceleration and header and payload compression.

The Q-Lite Compact Modem Card is a single-board, comms-on-the-move modem designed for simple mechanical integration into OEM products. It also supports similar bandwidth-saving technologies as the QFlex-400, but also features very low power consumption and a very small physical footprint at a size of 255mm x 184mm. It is also compatible for use with the QFlex-400 modem.

###

About Teledyne Paradise Datacom

Part of the Teledyne Defense Electronics Group, Teledyne Paradise Datacom designs, manufactures and sells satellite modems, solid state power amplifiers (SSPA), low noise amplifiers (LNA), block up converters (BUC) and associated redundancy subsystems. We deliver satellite communications products around the world and have unparalleled experience in amplifier and modem technology. www.paradisedata.com.

About Teledyne Defense Electronics

Serving Defense, Space and Commercial sectors worldwide, Teledyne Defense Electronics offers a comprehensive portfolio of highly engineered solutions that meet your most demanding requirements in the harshest environments. Manufacturing both custom and off-the-shelf product offerings, our diverse product lines meet emerging needs for key applications for avionics, energetics, electronic warfare, missiles, radar, satcom, space, and test and measurement. www.teledynedefelec.com. TDE is a business unit of Teledyne Technologies, Inc., a leading provider of sophisticated instrumentation, digital imaging products and software, aerospace and defense electronics, and engineered systems. www.teledyne.com.

Media Contact:

Darrek Porter, Director of Marketing
Teledyne Defense Electronics
(404)-368-9714
darrek.porter@teledyne.com