



Bittium Corporation: The Finnish Defence Forces Order Bittium TAC WIN™ Products and Bittium Tough Comnode™ Devices Based on Framework Agreements on the Purchase of the Products

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In Oulu, Finland, March 2, 2021 – The Finnish Defence Forces order Bittium Tactical Wireless IP Network™ (TAC WIN) system's products and Bittium Tough Comnode™ devices based on Framework Agreements on the purchase of the products.

The value of the purchase order including Bittium TAC WIN system's products is approximately EUR 8.5 million (excl. VAT). The ordered tactical routers and radio heads are related to several ongoing projects in the Finnish Defense Forces, where Bittium TAC WIN provides broadband IP network connections for mobile communication stations and command posts.

Bittium TAC WIN system's products are ordered based on a Framework Agreement between Bittium and the Finnish Defence Forces, according to which the Finnish Defence Forces purchase Bittium TAC WIN system's products for tactical communications. The Framework Agreement covers the years 2021–2024, with a total value of approximately EUR 30 million (excl. VAT) at the maximum. According to the Framework Agreement, the Finnish Defence Forces will issue separate purchase orders for the products each year. Bittium announced on December 22, 2020 that the Finnish Minister of Defence Antti Kaikkonen had authorized the Finnish Defence Forces to purchase Bittium Tactical Wireless IP Network™ (TAC WIN) system's products.

The value of the purchase order including Bittium Tough Comnode devices is approximately EUR 1.7 million (excl. VAT). Bittium Tough Comnode fulfills the data transfer needs of the Finnish Defence Forces' mobile troops by functioning for example as a VoIP phone (Voice over IP), an IP router (Internet Protocol), and an SHDSL repeater (Symmetrical High-speed Digital Subscriber Line).

Bittium Tough Comnode devices are ordered based on a Framework Agreement signed by Bittium and the Finnish Defence Forces in 2018, according to which the Finnish Defence Forces purchase Bittium Tough Comnode devices and related accessories. The Framework Agreement covers the years 2018–2022, with a total value of approximately EUR 8.3 million (excl. VAT) at the maximum. According to the Framework Agreement, the Finnish Defence Forces will issue separate purchase orders for the products each year.

All the products will be delivered to the Finnish Defence Forces during the year 2021. The purchase orders do not change Bittium's financial outlook for the year 2021, published in Bittium Corporation's Financial Statement Bulletin January–December 2020 on February 11, 2021.

Bittium Tactical Wireless IP Network™

Bittium Tactical Wireless IP Network (TAC WIN) is a Software-Defined Radio based wireless broadband network system intended for military and public safety use. With the system MANET (mobile ad hoc network), link and connection networks can be formed into one logical IP network quickly, no matter what the location is. Bittium TAC WIN is compatible with existing fixed and wireless network infrastructures. The core of the system is a tactical router that enables users to freely form both wired and wireless broadband data transfer IP connections. Tactical router enables also connections to different types of terminals and other communication systems connecting them into one communication network. In addition to the router, the system comprises three types of radio heads, and each radio head covers its own frequency band area and can be used for flexible formation of optimized network topologies for different communication needs. All the products of the system are designed for harsh conditions, and thanks to the system's automated functions the implementation of the system can be done quickly. Due to the software-based functionality of the Bittium TAC WIN system, it can be easily updated with additional performance cost-efficiently during the whole lifespan of the system.

More information about Bittium TAC WIN system and its products: <https://www.bittium.com/tactical-communications/bittium-tactical-wireless-ip-network>.

Bittium Tough Comnode™

The versatile Bittium Tough Comnode fulfills the data transfer needs of the mobile troops by functioning for example as a VoIP phone, an IP router, and an SHDSL repeater. Bittium Tough Comnode is rugged and easy to install in different environments and it is also portable by soldiers on the battlefield. The device is compatible with the software defined radio based Bittium Tactical Wireless IP Network™ (TAC WIN) system and Bittium Tough SDR™ radios, which are meant for broadband tactical communications. The Tough Comnode device offers diverse connectivity options also to third-party equipment and systems. Bittium Tough Comnode also enables using legacy Combat Net Radios (CNR) as part of the IP-based tactical communication system (Radio over IP, RoIP).

More information on the Bittium Tough Comnode device: <https://www.bittium.com/tactical-communications/bittium-tough-comnode>

Oulu, Finland, March 2, 2021
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Further information

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Distribution

Bittium

Bittium specializes in the development of reliable, secure communications and connectivity solutions leveraging its over 35-year legacy of expertise in advanced radio communication technologies. Bittium provides innovative products and services, customized solutions based on its product platforms and R&D services. Complementing its communications and connectivity solutions, Bittium offers proven information security solutions for mobile devices and portable computers. Bittium also provides healthcare technology products and services for biosignal measuring in the areas of cardiology, neurology, rehabilitation, occupational health and sports medicine. Net sales in 2020 were EUR 78.4 million and operating profit was EUR 2.1 million. Bittium is listed on Nasdaq Helsinki. www.bittium.com