



## Comtech to Showcase How Location Plays Into Mobile Network Operators 5G Strategy During Mobile World Congress Los Angeles

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*Leading provider of location and navigation technologies to demonstrate how the latest in location-based applications and services will be extended to 5G architectures and utilized for business intelligence, public safety, and IoT*

MELVILLE, N.Y. & LOS ANGELES--(BUSINESS WIRE)--Oct. 21, 2019-- October 21, 2019 -- Comtech Telecommunications Corp. (NASDAQ: CMTL), a world leader in secure and highly-reliable location, navigation and communication technologies, announced that during the Mobile World Congress Los Angeles ("MWCLA"), which is being held October 22 – October 24, 2019, its Location Technologies group, which is part of Comtech's Commercial Solutions segment, is showcasing its latest virtualized and embedded location solutions available to mobile network operators, enterprises and IoT developers.

5G networks will provide mobile network operators with increased throughput and an opportunity to create new revenue streams from various industry verticals utilizing Network Function Virtualization ("NFV") and Software Defined Networks ("SDN") concepts. Geospatial intelligence will be an important component of these next-generation networks, not only enabling operators to enhance applications and services, but enterprises as well.

During MWCLA, Comtech will demonstrate how mobile network operators, enterprises, IoT developers and automotive manufacturers are leveraging its complete end-to-end location platform to build reliable and robust cloud-based, embedded and hybrid location-based services ("LBS") applications. From helping mobile operators migrate from legacy LBS technology to virtualized platforms, to building applications for asset tracking, messaging, navigation, mapping and routing, Comtech will highlight how location is impacting a number of verticals and will be an integral part of 5G.

In addition, Comtech experts will be available to discuss:

**Business Intelligence:** With the promise of 5G, position estimation will go much further than simply tracking an asset. Capabilities such as geofencing will become even more monetizable, not only for businesses, such as retail, but for entertainment venues and much more. For example, the introduction of augmented reality and virtual reality at entertainment venues will make it possible to deliver advertisements to headsets located in a venue's specific geographic region, or a fast food company can deliver coupons to a potential customer that is two miles from one of its restaurant locations and within one mile of a competitor. During MWCLA, Comtech will demonstrate its latest applications in geofencing, indoor and outdoor positioning, navigation, maps, search and messaging, as well as how they can be applied to future 5G use cases.

**Public Safety:** Accurately determining a caller's location in an emergency situation is critical for first responders, especially as mobile devices become the primary point of contact for 911 calls. Position estimation becomes more difficult when the call is coming from inside a multi-story building. Comtech is one of the only companies to provide both indoor and outdoor location using proprietary algorithms to deliver precise, real-time position estimates even in areas without GPS or mapped Wi-Fi. This includes highly accurate and reliable X, Y and Z axis location information, that provides not only a building location, but the floor where a caller is located. During MWCLA, Comtech can discuss how they are enabling mobile operators and emergency agencies to precisely locate mobile devices using indoor positioning and network measurements.

**IoT Location:** With its new radio and next-generation core network, 5G networks are designed to support massive connection densities which will serve as a fundamental technology enabler for IoT. Comtech's IoT Location Platform ("ILP") is capable of locating a wide range of devices with low-power demands that communicate using a variety of cellular and non-cellular wide area networks. During MWCLA, Comtech will demonstrate how this platform enables seamless indoor and outdoor location positioning and data assistance services for any IoT device or application, including implementations via partnerships with Arm Mbed.

**Visit Comtech at MWCLA 2019 at booth #2838, in the South Hall of the Los Angeles Convention Center.**

The Location Technologies group of Comtech Telecommunications Corp. is a leading provider of precise device location, mapping and messaging solutions for public safety and enterprise solutions. Sold around the world to mobile network operators, government agencies and Fortune 100 enterprises, our platforms locate, map, track and message. For more information, visit [www.comtechenterprise.com](http://www.comtechenterprise.com).

Comtech Telecommunications Corp. designs, develops, produces and markets innovative products, systems and services for advanced communications solutions. The Company sells products to a diverse customer base in the global commercial and government communications markets.

Certain information in this press release contains statements that are forward-looking in nature and involve certain significant risks and uncertainties. Actual results could differ materially from such forward-looking information. The Company's Securities and Exchange Commission filings identify many such risks and uncertainties. Any forward-looking information in this press release is qualified in its entirety by the risks and uncertainties described in such Securities and Exchange Commission filings.

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