



# Mobile Location Detection Rules are Changing

## Introduction

Reliable location information has become a cornerstone of many applications, including emergency services, navigation, commercial services, recreation, tracking and networking. Global Navigation Satellite Systems (GNSS) have emerged as the leading technology to provide location information to these Location-Based Services (LBS), largely because a GNSS receiver provides accurate location--quickly and efficiently--anywhere in the world and in any weather conditions. Improvements in GNSS receiver technology have resulted in very reliable and affordable technology leveraged for a wide range of applications, including mobile devices, resulting in the widespread adoption of consumer applications that rely on LBS.

Although GNSS is known as the cornerstone technology to provide user equipment (UE) location and can be found in every smartphone, it is also known that it does not work well indoors and in dense urban environments. This fact has encouraged the development and use of alternative positioning technologies to ensure accuracy and completeness of coverage.



## About Us

The Location Technologies group of Comtech Telecommunications Corp. is a leading provider of precise device location, mapping and messaging solutions. Sold around the world to Mobile Network Operators, government agencies and Fortune 150 enterprises, our platforms allow you to locate, map, track and message.

# Precise, accurate location solutions customized for your business needs.

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