

Advanced Mobile Location

On 25 August 2021, the Australian Government announced the completion of the rollout of Advanced Mobile Location (AML) technology for the Triple Zero Emergency Call Service.

AML is a technology built into the operating system of Apple and Android telephones which provides greater location accuracy to Triple Zero during an emergency call from a mobile telephone.

This means the committee will need to reassess its Emergency Procedure to utilise AML.

How AML works

- An AML-enabled smartphone recognises when an emergency call is made to Triple Zero (000 and 112), and if not already activated, activates the telephone's location service functions.
- The smartphone assesses the location information available, using device-based hybrid methods, which combine GPS, Wi-Fi, mobile network information, and other sensor inputs to calculate the caller's location.
- Once the device's location is calculated, the smartphone automatically sends an SMS with the estimated location to the Triple Zero Emergency Call Service. This SMS is sent in the background while the caller speaks with the Emergency Service Organisation, and the caller is not required to do anything to enable the location information to be sent.
- It typically takes 25 seconds or less for the caller's location to be calculated and sent to Triple Zero.
- AML is not an App - rather it is a technology built into the operating system.



FIGURE 1 WOSP MOBILE SITTING IN AN AMPLIFIER