

ABSTRACT OF THE DISCLOSURE

In a method of real-time network monitoring and location updating, a location report is received by an unmanned aerial system application enabler (UAE) server from a location management (LM) server. The location report indicates location information of a user equipment (UE). A first network event notification associated with the UE is received by the UAE server from a network resource management (NRM) server. The first network event notification indicates a connection status of the UE with a network. In response to detecting a re-connected status of the UE, a second networking event notification is received by the UAE server from the NRM server. The second networking event notification indicates that the UE reconnects to the network. Further, (i) the second networking event notification, (ii) an identity of the UAE server, and (iii) most recently updated location information of the UE from the LM server are recorded by the UAE server.