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(54) **METHODS, SYSTEMS, AND COMPUTER
READABLE MEDIA FOR PROVIDING CALL
INTELLIGENCE TO A SIGNALING
FIREWALL IN A COMMUNICATIONS
NETWORK**

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ABSTRACT

A method for providing call intelligence to a signaling firewall in a communications network includes collecting, by a network security service component, call session data from incoming and outgoing calls involving a mobile device and providing, by the network security service component, the call session data to a signaling firewall via an application programming interface (API). The method further includes receiving, by the signaling firewall, an update location request message associated with the mobile device, extracting signaling message information that includes current location data and timestamp data from the received update location request message, and utilizing the current location data and the timestamp data to identify a correlated portion of the call session data. The method further includes providing the signaling message information and the correlated portion of the call session data to a security analytics engine platform for a location validation assessment and allowing or rejecting, by the signaling firewall, the update location request message based on location validation assessment data received from the security analytics engine platform.

