

Claim 1 of U.S. Patent ~~11,985,155~~10,771,980

1. A wireless communications device comprising:
~~a wide area~~an application execution environment and network port
~~configured~~stack to connectprovide wireless network access
for user application software executing in the
~~communications~~application execution environment;
a policy enforcement client to implement a device~~to a wide area~~
~~network~~communication activity policy applicable to wireless
network access provided for the user application software;
~~a secure memory;~~
a wireless modem chipset in network data path communication
with the network stack, the wireless modem chipset including
a secure execution environment configured to be inaccessible to
~~a~~the user application software;~~and~~
~~a, the~~ secure ~~data-path~~execution environment including signal
processing ~~agent configured to:~~elements and
one or more secure data path processing agents configured to:
execute in the secure execution environment;
~~generate a unique identifier for communication to a network~~
~~element in the wide area network;~~
~~store the unique identifier in the secure memory;~~
~~generate a data record;~~
~~associate the unique identifier with the~~monitor a device data
communications activity that utilizes the wireless
modem chipset to receive and transmit data passing
between the network stack and a wireless network,
generate a device data record comprising information about
the monitored device data communications activity, the
information configured to assist a network element in
determining whether the wireless communications
device is operating or has operated in accordance with
the device communication activity policy, and
send the device data record;~~and~~

~~send the unique identifier~~ to the network element over a trusted communication link between the ~~secure~~one or more data path processing ~~agent~~agents and the network element; and a trusted data path between the one or more secure data path processing agents and the signal processing elements wide area network port.