

Claim 1 of U.S. Patent 11,985,155/665,186

1. A communications device comprising:
 - a wide area network port configured to connect the communications device to a wide area network;
 - a ~~secure~~ memory configured to store a device communication activity policy;
 - a secure execution environment configured to be inaccessible to a user application software; and
 - a secure data path processing agent configured to:
 - execute in the secure execution environment;
 - ~~generate a unique identifier for communication to a network element in~~ monitor a device data communications activity, the device data communications activity being through the wide area network; ~~port~~;
 - ~~store the unique identifier in the secure memory;~~
 - ~~generate a data record;~~
 - ~~associate the unique identifier with the data record; and~~
 - generate a device data record comprising information about the device data communications activity to assist a network element in determining whether the communications device is operating or has operated in accordance with the device communication activity policy; and
 - send the ~~unique identifier~~ device data record to the network element over a trusted communication link between the secure data path processing agent and the network element.