

ABSTRACT**Method for securing V2X standard communications, and associated device and protocol**

This method (200), implemented between a transmitting device and a receiving device of an automated driving system, consists of: temporally synchronizing (100) the vital computers of the transmitting and receiving devices on the basis of at least one common external time source; generating (220) a V2X message by means of the transmitting device, timestamping the message by requesting the current time from the vital computer of the transmitting device and incorporating this current time into a field of the V2X message; transmitting (230) the V2X message by the transmitting device; receiving (240) the V2X message by the receiving device; and verifying (260) the temporal validity of the received V2X message by comparing the current time provided by the vital computer of the receiving device with the transmission time incorporated in the received V2X message.

Figure for abstract: **Figure 4**