PRIVACY-PROTECTION-BASED VERIFICATION

ABSTRACT

Embodiments of this specification provide a plurality of privacy-protection-based verification methods, apparatuses, devices, and systems. A method includes the following: a local identity verification request for controlling an in-vehicle device is sent to a first server, where the first server is configured to generate target verification information corresponding to the terminal device and the in-vehicle device for the identity verification request; the target verification information and a pre-constructed certificate chain that are sent by the first server are received, and the certificate chain and the target verification information are verified based on a predetermined key of the terminal device to obtain a verification result; and when the verification result is that the verification succeeds, a vehicle control instruction is processed based on the target verification information, and a processed vehicle control instruction is sent to the in-vehicle device, so that the in-vehicle device processes the vehicle control instruction based on the target verification information and the certificate chain.

FIG. 1A