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PEOPLE'S REPUBLIC OF CHINA

GB 48319-2026

Basic requirements of security processing for intelligent and connected vehicle spatio-temporal data

智能网联汽车时空数据安全处理基本要求

(English Translation)

Issued on: September 28, 2026 **Implemented on: October 1, 2027**

Issued by: State Administration for Market Regulation;
Standardization Administration of China

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1 Foreword

GB 48319-2026 was issued by State Administration for Market Regulation; Standardization Administration of China on 28 September 2026 and has been in force since 1 October 2027.

This is a draft translation for reference among interesting stakeholders. The finalized translation (passing through draft translation, self-check, revision and verification) will be delivered upon being ordered.

The GB prefix, without a suffix, marks a mandatory standard: within its scope, compliance is required.

2 Scope Preview

This document specifies the basic requirements for secure processing during the collection, storage and transmission of spatio-temporal data of intelligent and connected vehicles. This document is applicable to intelligent and connected vehicles sold to society and operating within the territory of China. Note 1: Vehicles used in research and development, prototype vehicles, and vehicles operating outside the territory of China but sold to society are outside

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the scope of this document. Note 2: The collection, storage and transmission of spatio-temporal data referred to in this document do not include spatio-temporal data downloaded by the vehicle, nor do they include spatio-temporal data transmitted by other vehicles. Note 3: Vehicle-end spatio-temporal data adopts a "use-and-discard" processing method and is not stored in non-volatile memory at the vehicle end or transmitted outside the vehicle, and is therefore outside the scope of this document.

GB 48319-2026 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 12,418 other GB standards.

Of the 4,081 GB standards that do carry an ICS number, 849 (21%) fall under ICS 13, in the field of environment and health protection, safety.

3 About this standard

Issued by: State Administration for Market Regulation; Standardization Administration of China

English translation: about 15 pages (approximate)

4 Classification and status

Prefix GB: mandatory standard.

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