

Building a monitoring and control system for electric vehicles using the CAN Bus standard.

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Abstract: In the context of the rapid development of electric vehicle technology, building an effective monitoring and control system plays a crucial role in ensuring safety and reliability. This topic focuses on researching and designing a system based on the CAN Bus standard, aiming to optimize communication between electric vehicle modules. The research method combines both theory and experimentation, thereby creating an applicable solution that can be deployed. The topic aims to provide the industry with a step forward in improving operational performance and enhancing information security for electric vehicles.

Keywords: Electric vehicle, CAN Bus standard, monitoring and control system