

# HIS

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Innovation in modern vehicles is to a great extent realised by software in electronic control units. Therefore vehicle manufacturers must extend their competence in the basics and methods of software design and quality assurance for microprocessor based control units. This has motivated the vehicle manufacturers Audi, BMW, Daimler, Porsche, and Volkswagen to bundle their activities for standard software modules, process maturity levels, software test, software tools and programming of control units. The common goal is to achieve and use joint standards.