

ANSYS Embedded Software in 2019 R3

Embedded Software:

In ANSYS 2019 R3, the capabilities of the embedded software family have been enhanced and extended to help you drive your initiatives around autonomous vehicles.

1. ANSYS solutions address all key elements of autonomous vehicles (AV): sensors, human-machine interfaces, automated driving software, control software, computing platform and vehicle platform.
2. In addition to existing solutions, this release introduces a brand-new product dedicated to testing and safety of AI-based AV embedded perception software: **ANSYS SCADE Vision**.

SCADE Vision -

- speeds the discovery of weaknesses in your AV embedded perception software, while drastically reducing costs of testing and safety verification, making every mile count, and deriving maximum value from your AV data.
- ANSYS SCADE enhances important features required for developing the most advanced automotive systems and the embedded software that controls those systems, including AV.
- The unique combination of a complete and efficient AUTOSAR SWC flow with SCADE and the ability to seamlessly import large Simulink® models enables you to re-use the legacy models produced by system engineering teams.
- With SCADE, you benefit from the unmatched, highest-quality ISO 26262 certified code generation toolchain.