

ANSYS 19.1 Update

Systems

ANSYS Twin Builder (formerly ANSYS Simplorer) [19.1]

- ANSYS Twin Builder becomes ANSYS Twin Builder [19.1]
- Functionalities of the former ANSYS Simplorer Advanced now integrated in electronics products (see "Electromagnetics", exceptions: FMI interfaces, Modelica integration)
- QuickStart for power electronics implementation (many examples)
- Thyristor models (from ABB and Infineon) and characterizations as well as examples of IGBT and MOSFET characterizations
- Predefined ADC / DAC converter models
- Battery Design Toolkit (available for download from the ANSYS App Store)
- Improved implementation of Modelica in Simplorer
 - "Heating & Cooling" libraries (from the ANSYS App Store)
 - Energy-preserving coupling between Modelica and Simplorer
 - Ability to create and (re) use Modelica models in Simplorer
 - Improved graphical view
 - C ++ compiler for Modelica
- Live Data Link for Digital Twins



Live Data Link for Digital Twins

ANSYS SCADE

Model-based development of systems and embedded software

- Automated and seamless workflow for capturing and verifying multirate application architectures
- New and improved possibilities for the design and implementation of complex HMIs (human machine interfaces)



HMI display development for embedded systems with SCADE

*All information has been prepared to the best of our knowledge.
Information provided without guarantee.*