

## Powerful features for Portunus 3.2

CEDRAT Group is proud to announce the release of Portunus Version 3.2, a unique **multidomain system simulation software**.

Portunus is the ultimate package for modelling **complete mechatronic systems** for a wide range of applications: Transportation, Automation and Drives, Energy Conversion, Sensors and Actuators, etc.

Thanks to Portunus' extremely **user-friendly and intuitive interface**, new users will quickly learn handling the software and thus focus on their main target: **explore new domains and converge faster to solutions**.

Compatible with **VHDL-AMS**, the latest IEEE standard language, Portunus is the right package software to **centralize your engineer multi-competences** and **make your projects come true earlier**.

Portunus will simply help you to **reduce your time to market** with shortened engineering phase, avoid costly prototypes and long multiple validation processes, product liability optimization with **complete and efficient analysis**.

### NEW POWERFUL FEATURES

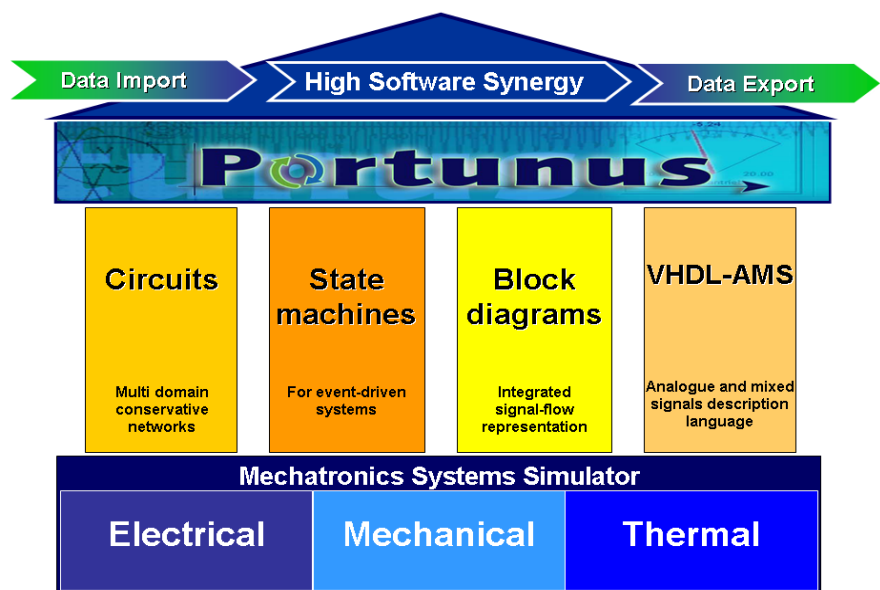
- **Multiple pages technology** allowing the splitting of schematics into different pages and the creation of extra sections for visualisation and documentation.
- A **new electro thermal model of IGBT** with analytical computation of switching losses. Included predefined sets of parameter of over 100 models from Infineon components.
- **Fast Data Storage Technology** for the storage of result files up to terabytes.
- Other: GUI improvement, support of symbolic mathematics, enhanced numerical stability, support of "Std\_logic\_1164" package by VHDL AMS compiler.

For further information:  
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Best regards,

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Portunus Multi-physics environment approach