



2020 FSAE Siemens *Engineering Software Success Video Award*

For the newly 'Virtualized' FSAE competition, Siemens Digital Industries Software is sponsoring the "**Siemens Engineering Software Success Video Award**", a \$2,250-total award to reward three FSAE 2020 teams which create a professional and thoughtful video success story about using Siemens software to solve their FSAE design or simulation challenges. (See the \$6,500 '*Digital Twin Award*' notice as well!)

\$1,100 for 1st Place
\$950 for 2nd Place
\$800 for 3rd Place

General Conditions

- Teams can apply for the award by submitting a video link by **midnight of Sunday, June 14th, 2020**. You may include a PDF document with additional supportive information to the judges - optional.
- Please email a link to your video (such as DropBox),** or questions, to head judge leigh.anderson@siemens.com. Please have someone else TEST the link first!
- Videos for the \$ awards must be about **PADS® circuit board design** software and/or **VeSys® electrical system/wire-harness design** software.

We welcome videos on using other Siemens tools which may receive public recognition and 'swag' such as T-shirts for your team, but only videos on PADS and VeSys are eligible for the \$ awards.

Eligibility

- The award is open to **all** teams registered for FSAE 2020, Combustion or Electric. We look forward to your inspiring videos!

Examples

- Take a look at these student-created success story videos for examples and ideas. They are older videos from before the Siemens acquisition of STAR-CCM+ CFD software but still good video examples:
 - www.youtube.com/watch?v=nVm7X0ilUfo
 - www.youtube.com/watch?v=4e0a9_CeE7g

Tips & Guidelines

- Approximately 4-6 minutes in length. Good video production value helps - enlist a videography student at your school to help? The focus is on solid technical engineering content. The target audience is other Formula teams worldwide.
- First briefly introduce your team, the speaker & their role in the team, other context such as the team's past competition achievements.

In the video you could pose questions and answers such as:

- What Siemens software did you use and why? Focus on one software package, two at most., VeSys for wire-harness, PADS for circuit board design, What did you use before and what shortcomings drove the change? For example using Visio, Excel and string for wire harness.
- What design problems did you solve? Did you achieve better performance? Lower weight? Better reliability? Save cost of materials? Save hours of labor? Save re-fabrications? Try to quantify the improvement.
- How has Siemens' training or support resources helped your team learn and use the software? How do you on-board new team members to use the software?
- For all submissions – please grant Siemens non-exclusive publishing rights such as posting on the Siemens YouTube channel.

Resources

- For no-cost grants of Siemens software & training courses apply at: <https://tinyurl.com/ycotdmq2>
- Learn how Siemens software helps FSAE design challenges, at <https://tinyurl.com/y9dzz8ty> and a list of software packages relevant for FSAE challenges at <https://tinyurl.com/y9wlhnm4>
- Explore the useful templates, tutorials, even free cloud CFD computing at Siemens' Formula Student/SAE forum at <https://tinyurl.com/u3zx7bp>