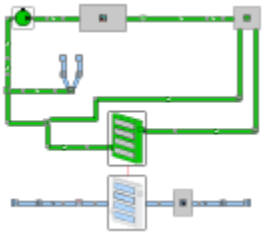
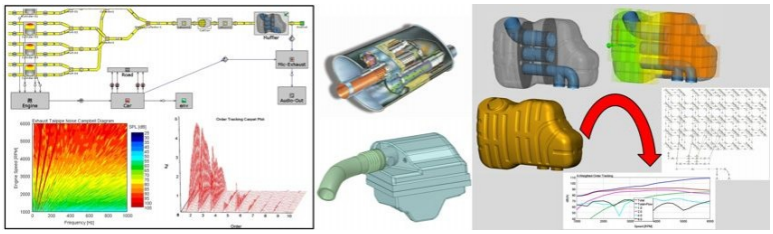
GT-Suite is pleased to announce that we are now sponsoring two free seats of GT-SUITE for SAE Clean Snowmobile Challenge teams! In order to help provide a means to participate in the 2021 Virtual Event and into the future; students will be able to represent their real snowmobile via a Virtual Model (Digital Twin) that can be used to perform event simulation (Noise, Acceleration, Endurance, etc.).

GT-SUITE aids SAE Clean Snowmobile Challenge teams in making design decisions for multiple applications. Examples include:

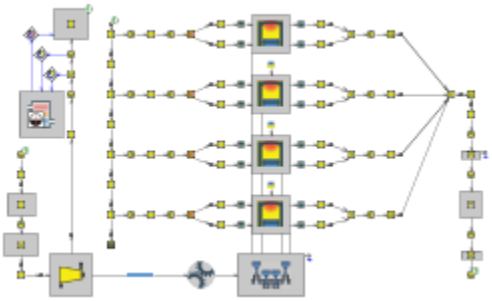
**Vehicle Cooling**
At elevated power levels, thermal management can become a challenge to maintain. GT-SUITE offers a way to analyze the cooling system (Heat Exhangers, Pumps, etc.) and develop the best strategy to maintain ideal operating temperatures for the entire powertrain system.



**Powertrain Acoustic Simulation**
Utilize GT-SUITE for making your sled quitter while maintaining as much performance as possible. Using GEM3D (which is included), teams can go from 3-D CAD of their Exhaust/Muffler to a 1-D model in GT-SUITE to predict noise/sound output and system performance.



**Engine Modeling**
Utilize GT-SUITE's industry-standard engine modeling capabilities to perform iterations virtually before finalizing the design. Optimize intake and exhaust designs for maximum power, build valve profiles, study the compression ratio, and examine forced induction or naturally aspirated engine models.



**Cost and Requirements**
The first two licenses of GT-SUITE are free to teams participating in SAE Clean Snowmobile Challenge. All subsequent licenses are available at a cost of $200/license. We ask that all Clean Snowmobile Challenge teams who use GT-SUITE:

- Display a GT-SUITE sticker on the team sled
- Display the GT-SUITE logo on the sponsor page of the team's website and link the logo to www.gtisoft.com

**Start Simulating!**
If you would like to utilize GT-SUITE in your design process, please contact us.