

2015 2014 BEST National Partner



In 2011, MathWorks became BEST Robotics' first-and-only National Corporate Partner through its generous funding support for the BEST Robotics organization. The company is the leading developer of mathematical computing software for engineers and scientists in the world. MathWorks equips BEST teams with software, training, and mentoring to tackle the same technical issues as professional engineers. Industry-standard MATLAB® and Simulink® provide a flexible design environment where BEST students can apply classroom theory to solve problems encountered in designing their robots.

2015 2014 BEST National Sponsors

✚ Add AutoDesk
- see attachment -



Since 2005, SolidWorks® has been providing their CAD Design software free to all BEST students. Their BEST and VEX CAD models, curriculum, tutorials, and design tools have been invaluable in helping students understand the basics of robot design.



Now owned by AutoDesk, HSMWorks is the leading Computer Aided Manufacturing (CAM) software for SolidWorks and AutoCAD. HSMWorks provides seamless integration of 2D and 3D toolpath programming directly into SolidWorks. BEST students can now take their CAD models developed in SolidWorks and within minutes be cutting parts out on their school's router or CNC machine, all from within the SolidWorks environment.



Robomatter incorporated provides its ROBOTC programming software for VEX Cortex and Robot Virtual Worlds free to all BEST teams during the competition season. ROBOTC is the premier C-based robotics programming language for educational robotics and competitions. It is ideal for those students who want to go beyond simple drag-and-drop programming to writing their own code.



Solidwize provides each BEST team with free online SolidWorks training courses that guide students through the learning process with a highly effective holistic approach to teaching that inspires confidence rather than confusing and frustrating them. The video-based follow-along step-by-step instruction is available on-line 24/7. Students can gain enough knowledge with this training to receive their SolidWorks certification.



In 2005, igus®, Inc. became BEST's first National Corporate Sponsor by donating its innovative polymer automated machinery parts to every BEST team for use in the design of their robots. The incorporation of these parts revolutionized the robotics competition by enabling students to design more innovative and efficient machines.



Intelitek, developers, producers and suppliers of industrial Blended Learning Technology Training Systems, provides its EasyC programming software for the VEX Cortex microcontroller free to all BEST teams and teachers. Designed with BEST students in mind, easyC's simple to use drag-and-drop programming interface does all of the syntax and spacing, allowing students to focus on program flow and robot design.



Wolfram Research annually provides BEST students with its renowned computational product, Mathematica. Whether it is research, computations, or technical documentation tasks, Mathematica helps students be their most productive.



AutoDesk is the leading provider of CAD/CAM products. BEST students can now access the entire suite of AutoDesk tools through the AutoDesk Education community program. There are a vast array of tools provided by AutoDesk that can be useful in designing your robot. This includes local and cloud-based 3D CAD, CAM, animation, and video development tools.