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ONE HUNDRED RACING TEAMS AGREE: OPTIMUMK WINS RACES
Kinematics software to aid in suspension design continues to find new fans

Used by USF1, Penske, Volkswagen Motorsport and dozens of Formula Student racing teams, OptimumK kinematics software aids in suspension design and analysis faster and more convenient than other software systems on the market.

After decades of race car handling questions from engineers experiencing the challenges of suspension design, engineers at OptimumG created OptimumK where users can choose from predefined suspension templates or create their own. Other features include:

- **Intuitive user-friendly layout** that is split into three sections – design, motion and analysis – and enables you to work faster and smarter.
- **Flexibility** by allowing users:
 - to choose any input and output coordinate systems,
 - select symmetric or asymmetric suspension point input,
 - have the option to roll and pitch chasses around a moving, fixed or custom-designed rotation axis, and
 - specify simultaneous steering, heave, pitch and roll motions.
- **Quality 3-D graphic display** that allows for easy visualization of the design.
- **Accuracy** with over 400 data channels which can be plotted against each other or tabulated in a report. Users can overlay and compare results from multiple design iterations in graphs and report tables. OptimumK has also been successfully tested against the leading CAD software packages.
- **Direct application to car design and setup** to help you win races.

Already being incorporated in classroom settings and used by professional race car teams, interested engineers are invited to [try a free trial of OptimumK](#). Only \$1,695 per license, and \$395 for students, OptimumK is a cost-effective addition to any racing team.

For more information about OptimumK, or the group of OptimumG engineers behind it, visit www.optimumg.com.

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An international consortium of engineers, OptimumG is a vehicle dynamics consulting firm with over 30 years of experience helping automotive companies improve their understanding of vehicle dynamics through consulting, seminars and software development.