

Motion Analyzer

New Online Tool to Help Create a Better Selection Process

The Power of the Cloud

Motion Analyzer uses the power of cloud technology to provide you with solutions for your specific application.

Cloud Computing is a mature and secure technology that is used by a wide range of people in all industries for its convenience, mobility, access and scalability. Motion Analyzer was built to provide these benefits to its users to help our customers build the best machines in the world.

Every day more people are realizing the benefits of cloud technology and it's easy to see why. Mobility, collaboration, security and scalability have driven users and companies both large and small to embrace the cloud.

Many companies around the world have relied on the cloud for critical applications with great success.

- **Mobility** – Information is no longer tied down to one computer or location; it goes where you go. Whether using a tablet, Smart Phone or personal computer, Windows, Mac or Linux, at your office or at the job site, you can access Motion Analyzer files to design your machine.
- **Security** – Application and platform are designed with security in mind. Motion Analyzer uses in-depth defense within Windows Azure such as filtering routers, firewalls and encrypted messaging.

To use Motion Analyzer and register at no cost, visit: <https://motionanalyzer.rockwellautomation.com>



Motion Analyzer software from Rockwell Automation helps machine builders obtain the full benefits of a mechatronic design approach by making it faster and easier to analyze, optimize, and select motion and drive control systems. A cloud-based architecture and a wide range of tools and features helps users find the right set of products for their application. Motion Analyzer is easy to use, collaborative and secure, which makes it an important and helpful tool to design drive control systems.

Mechatronic design tools from Rockwell Automation assist mechanical, electrical and controls engineers to collaborate efficiently to digitally prototype machines. These tools allow engineers with different specialties to innovate as a team to evaluate the effect that new design concepts have on the machine as a whole. This interdisciplinary design approach helps decrease time to market, reduce cost to engineer and improve the overall performance of your machine. The cross-functional data sharing accelerates the machine commissioning stage by providing the controls engineer with the machine's mechanical data to help determine tuning gains and create an accurate control program.

The web-based tool combines the sizing power of Motion Analyzer with new product browse and selection capabilities. It contains a new code base with a cloud-based architecture-with the same sizing algorithms.

LISTEN.
THINK.
SOLVE.

Motion Analyzer helps you size and select your products by combining your specific application requirements with product ratings and specifications to provide solutions that help meet your unique needs. Products that are found in Motion Analyzer include Allen-Bradley® servo drives such as Kinetix® 5500 and Kinetix 6500, Kinetix VP-Series and MP-Series servo motors, PowerFlex® 520 and 750 AC drives. The tool also includes gearboxes, linear mechanisms and linear actuators. With Motion Analyzer, you can compare multiple products and solutions to help you find what you need.

The product browser allows users to explore products before sizing and quickly find compatible products. The identified products can be put into a bill of material or saved for later use. The comprehensive search feature explores all product families during search and compare solutions with different product options. This feature allows you to more easily filter down to the right solution.

Collaboration

Gone are the days of emailing the file versions back and forth or having to maintain a shared folder with your files. Users can decide who can have access to the project and who can limit the read or write access to only those users who need it.

With a Collaborative Online Work Environment, users can:

- Instantly share projects with other users
- Have secure and protected access that ensures control data maintenance
- Access projects anywhere – no download required
- Receive faster updates for more accurate information.

Online Connectivity

Motion Analyzer requires a connection to the Internet to size your system. However, this connection is a low bandwidth and can be achieved through a cell phone, hot spot, Wi-Fi or networked connection. Without software to install, you can access your projects from any network device. In addition, printable reports and other future developments will allow you to share and store projects and information offline.

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Multi-Language Support

Motion Analyzer has native support for English, Chinese and German. These languages will appear automatically based on the language setting in the browser. In addition, rough translations are available through Google Translate for over 80 languages, including Japanese, Spanish, Portuguese and Italian.

Third-Party Product Integration

To be the best in your industry, align yourself with companies that are the best in their industries. Encompass™ and Kinetix-enabled partners provide world-class products that integrate smoothly with Rockwell Automation solutions. Products from the following companies that are incorporated into Motion Analyzer can help you get right product for your application with one tool.



Browser Support

The following browsers support Motion Analyzer:

- Internet Explorer 9.x
- Internet Explorer 10.x
- Internet Explorer 11.x
- Firefox 26.x
- Chrome 31.x
- Safari 7.x