



Kinematics creates motion control solutions for mission-critical systems in demanding environments. Based in the U.S. with global operations, we reliably deliver on diverse customer needs and have the manufacturing expertise to deliver any volume cost effectively.

For close to three decades, we have been innovating solutions and working closely with our customers to provide the most reliable, bankable, innovative drives across multiple industries. Today, with over 3 million drives globally deployed, representing hundreds of millions of hours of operation, we are proud of our role in sustainably supporting critical applications across the industrial, satellite and solar sectors.

Kinematics was founded in 1996, has ~700 employees globally, is headquartered in Phoenix, AZ, with sales offices in North America and Europe, and manufacturing operations in Jiangyin, China and Nogales, Mexico. In 2025 Kinematics acquired Bilbao, Spain based EMS and solar controller company P4Q and integrated its global operations and core Suntrack solar controller product into the Kinematics product portfolio.

Job Title: Controller Application Engineer

Reporting to: VP, Solar Solutions

Position Location: Phoenix, AZ Preferred

Qualifications: The candidate should have 2-5 years' experience in an electronic product applications engineering role, ideally across industries such as industrial, solar tracking and /or satellite ground systems providers. The candidate should have demonstrated proficiency in product installation, commission and lifecycle management working closely with internal team members as well as customers.

Successful candidates will also:

- Lead customer-facing applications engineering engagements which include the installation, commissioning, troubleshooting and lifecycle management of Kinematics controls, electronic and software products.
- Work closely with a continuous improvement mindset with internal company teams to drive product improvement and innovation from the front lines of the customer's product and service experiences.
- Be comfortable and flexible enough to communicate with customers and internal company counterparts in sales, business development, engineering, operations and finance across geographic locations. Develop training material and product collateral as needed to bring key stakeholders up to speed on product features and complexity.

Responsibilities & Skills:

- This role will work closely with sales counterparts as the subject matter expert (SME) representing Kinematics control, electronics and software products to the market and our customers. This role will assist in clarifying which Kinematics products and services are needed for which customers have a successful outcome.
- This role will work closely with Kinematics Operations & production to ensure proper products and services are delivered to the customer as needed. They will assist Kinematics internal Service Operations technicians in installation and commissioning.
- This role will occupy the SME space between our Service & Field Technicians and the Engineering Development team for customer problems during product installation, commission, initial use and lifetime use.

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- This role will work closely with Product Development and Engineering to drive continuous improvement and value engineering outcomes identified through the execution of the role and time spent with customers and end markets.
- This role will communicate with Kinematics Management and Product Manage about updates on customer health, customer net promoter scores / satisfaction metrics, as well as other challenges.
- As needed this role may be asked to take ownership of key product and service technical collateral such as product manuals, product training & operations media, ect. The role will have to responsibly use Kinematics PDM system and follow other data management processes. The role may occasionally be required to use specific Engineering software such as Solidworks or other tools.
- Willingness to travel on average 25% of the time, but periods up to 50%.

Education & Experience:

- A engineering degree or 2-5 years of background in an applications engineering role is required.
- The candidate should ideally have a background in control solutions / product, and electronic product, DC power electronics, communication protocols such as MODBUS, ZigBee, WiSun, RS485 and IP networking knowledge.
- The candidate should have experience working with customer SCADA systems.
- Spanish language proficiency is a plus.

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