

Systems & Field Engineer

Bern, Switzerland | Full time | On site | Up to 35% international travel

About Us:

LEM Surgical AG is an innovation-driven MedTech company based in Bern, Switzerland. We are transforming spine surgery by developing next-generation robotic technology. Our robotic systems combine high precision mechanics, advanced software, and intelligent system integration in a safety-critical clinical environment.

We are looking for a **Systems & Field Engineer** who enjoys combining systems engineering with hands-on clinical support. This is a unique opportunity to work directly with surgeons and hospitals across Europe and the USA while traveling internationally for up to **35% of your time**. You will play a key role in bringing our robotic platform into clinical practice and continuously improving it through real-world feedback.

Your Responsibilities:

- Collaborate with cross-functional teams throughout the development, integration, verification, and validation of complex electromechanical systems.
- Work closely with hardware and software engineers to perform system integration, calibration, qualification testing, and troubleshooting.
- Plan, coordinate, and support verification and validation activities while contributing to product quality, risk management, and compliance with medical device standards (ISO 13485 and ISO 14971).
- Support product releases, design transfer, configuration management, and maintenance of Design History File (DHF) documentation.
- Plan and support customer installations, clinical procedures, and user training, providing technical guidance to clinical users and commercial teams.
- Analyze field performance, conduct root cause investigations, and translate customer and clinical feedback into product improvements.
- Provide on-site support during customer installations, operating room procedures, clinical evaluations, and commercial deployments across the USA and Europe.

Your Profile:

- Bachelor's or Master's degree in Mechanical Engineering, Electrical & Electronics Engineering, Mechatronics, Robotics, or a related engineering discipline.
- At least three years of experience as a Systems Engineer, Design Engineer, Field Engineer, or in a comparable role, ideally within the medical device industry.
- Experience developing, integrating, or supporting complex electromechanical or robotic systems, ideally in clinical or customer environments.
- Good understanding of medical device standards, including IEC 60601, ISO 13485, and ISO 14971.
- Familiarity with robotics, systems engineering, system integration, and electrical and electromechanical design, including sensors, motors, and industrial communication protocols.
- Strong analytical and problem-solving skills with a proactive, structured, and hands-on approach.
- Willingness to travel internationally for up to 35% of the time, along with a valid driver's license and eligibility for international travel.

Why Join LEM?

- Make a direct impact on the future of robotic surgery by joining one of Switzerland's most innovative MedTech companies.
- Bridge engineering and clinical practice by working directly with surgeons and hospitals worldwide.
- Join a collaborative and international team united by a shared passion for innovation, quality, and excellence.
- Work with cutting-edge robotic technology in one of the most exciting fields of MedTech.

Interested in joining us? We'd love to hear from you. Apply at careers@lemsurgical.com and learn more about LEM Surgical at www.lemsurgical.com.