

Professional SCADA/Network Engineer (m/f/d)

Location: Erlangen, Germany or remote in Germany

ABOUT FLUENCE

Fluence, a Siemens and AES company, is the global market leader in energy storage technology solutions and services, combining the agility of a technology company with the expertise, vision and financial backing of two well-established and respected industry giants. Building on the pioneering work of AES Energy Storage and Siemens energy storage, our goal is to create a more sustainable future by transforming the way we power our world. Providing design, delivery and integration, Fluence offers proven energy storage technology solutions that address the diverse needs and challenges of customers in a rapidly transforming energy landscape.

Fluence currently has more than 2.4 gigawatts of projects in operation or awarded across 24 countries and territories worldwide. We topped the Navigant Research utility-scale energy storage leaderboard in 2018 and were named one of Fast Company's Most Innovative Companies in 2019. In 2020, our sixth-generation Tech Stack won Commercial Technology of the Year at the 22nd annual S&P Global Platts Global Energy Awards.

Leading

Do others come to you for your subject matter expertise? Are you excited by the challenge of working in a start-up atmosphere with a purpose?

Fluence is looking for a Professional SCADA/Network Engineer, to strengthen its Solution Engineering capabilities in the EMEA region (Europe, Middle East, Africa). The role is reporting into Fluence's Director of Solution Engineering EMEA and working in a team with the assigned project managers for various projects.

Responsible

Fluence is defined by its unwavering commitment to safety, quality, and integrity. We take personal ownership in what we do, developing trust in our relationships with internal and external stakeholders. We firmly believe in having honest, forthcoming, and fair communications.

- Develop technical documents, including control circuit diagrams, network communication diagrams, monitoring system diagrams / system architectures for BESS as well as for power plant substations.
- Identify, prioritize and schedule project/design initiatives.
- Coordinate and integrate technical activities in engineering projects with BOP contractors.
- Support construction activities, managing RFIs, submittals and transmittals, performing construction inspections, as built drawings etc.
- Write technical sections of Project proposals, including technical descriptions of major equipment, work breakdowns, and sub-contractor scope-of-work for plant control & monitoring system.
- Develop cost reduction strategies through innovation in system designs and engineering, applying value engineering, constructability and task analysis initiatives.
- Support projects from proposal to commissioning.

Agile

Here at Fluence, we strive to continuously improve, be intellectually curious and be adaptive to our customers and employee's needs. Collaboration is key, both in our partnerships with our customers, and with each other. Fluence prioritizes the most critical efforts that allow for the greatest impact.

- At least five (5) year's professional work experience with design of Power Systems for utility installations, PV plants, Battery Storage Systems
- Experience with power conversion technology used in PV industry, rotating generators, machineries and battery storage systems (BESS).
- Knowledge and experience with SCADA protocols such as: IEC60870-5-101/-103/104, IEC 61850 MMS, DNP3 and Modbus TCP and serial communications
- Working knowledge on PLC (Siemens S7 & Allen Bradley ControlLogix PLC), soft logic IEC 61131, SEL Protection Relays & Meters, Siemens Protection Relays & Meters & SCADA Gateways & Data Concentrators.

- Experience with Networking Equipment (preferably Cisco Product Range) such as Managed Ethernet Switches, Routers and Firewalls, Media Converters (Fiber & Serial)
- Product know-how on Server Hardware, NAS and Cloud Storage Solutions is advantageous.
- Experience with UPS systems and Power Distribution, including PDUs
- Exposure and practical knowledge on Embedded Linux Controllers are a plus
- Having a good understanding of BESS, power conversion system and substations (HVSG and MVSG), including substation automation system is a plus.
- Well versed in Microsoft Office tools
- BSEE, BSECE or BSCoE
- Familiarity with applicable codes, standards and regulations used in EMEA Region
- Be flexible and agile with the ability to manage change
- Excellent interpersonal skills, ability to work with clients & staff in a team environment
- Fluent in written and spoken English, German in addition is a plus
- Willingness to travel up to 25%

Fun

Working on transforming a fundamental part of our society is exciting and fulfilling. It requires creativity, diversity of ideas and backgrounds, and building trust to effect change and move with speed. We respect our coworkers and customers. We listen to what others have to say, and we are inclusive.

Our Corporate Culture

- Fluence is defined by its unwavering commitment to safety, quality, and integrity. We take personal ownership in what we do, and we prioritize the development of trust in our relationships. We firmly believe in having honest, forthcoming, respectful, and fair communications.

- We are curious, adaptable, and self-critical; we use these traits to meet our team's and customers' needs. We always want to be working on the issues with the greatest impact.
- Succeeding in our mission requires creativity of thought, diversity of backgrounds, and an environment of safety and trust. These aspects of our culture enable us to effect change and move with speed. Workspace respect, balance, and inclusivity is foundational to our success, and our experiences at work are an essential part of what we create.

Get in touch

Please send your resume and cover letter to careersgermany@fluenceenergy.com.

Fluence IS AN EQUAL OPPORTUNITY EMPLOYER and fully subscribes to the principles of Equal Employment Opportunity to ensure that all applicants and employees are considered for hire, promotion, and job status without regard to race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, marital or familial status.