

Automation is your passion? We are looking for you - Join our Team!

We are looking for
IT-Security Engineering (f/m/d)
for HVDC Projects

Established in 2005, Siemens Energy Power Control GmbH has been ever since a reliable partner in several areas dealing with automation systems. Further on, we support our customers in the Siemens Energy Consortium in all areas concerning project execution and software development. Located in Langen and Nürnberg our company is characterized for having a flat hierarchy as well as a young, dynamic, and international team, all these factors ensure the success of our customers and business partners.

Location: Nürnberg or Langen (Hessen)

Occupation: Fulltime

Key Responsibilities

- Project Engineering "IT Security" for HVDC control & protection systems (Development & Implementation of IT - security concepts based on international standards for control systems of HVDC plants)
- Creation and maintenance of project specific technical specifications, documents & manuals. Clarification of IT-security concepts with internal departments and external suppliers and customers
- Plan and conduct project-specific IT-security audits, threat-risk workshops, and penetration tests incl. evaluation of counter - measures
- System integration and commissioning of the specific components (firewalls) in the test field in Erlangen (Verification of proper rule settings and hardening measures) Conduct/ support Factory Acceptance Tests with sub suppliers and customers
- Technical support during commissioning phase

Your Profile

- Degree in network / communication technology
- Several years of work experience in IT-security for industrial networks (Requirements, Plan/ conduct audits, etc.)
- Experience in project engineering, customer clarification, working in complex teams
- Understanding for SCADA systems as part of energy transmission system (Substations, etc.)
- Technical English

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Your Know How

- Theoretical know how TCP/IP, routing, switching, network separation, zone concepts, etc.
- Several years of work experience in IT-security for industrial networks (Requirements, Plan/ conduct audits, etc.)
- Configuration of Switches, routers, firewalls from manufacturer CISCO, RuggedCom, Checkpoint, etc.
- IT Security for IT networks, regulations, and hardening measures to fulfil the same
- Security standards (Nerc Cip, BDEW,...)
- Security of IT components, networks and applications in theory (Threat analysis) and practice (penetration testing)

We offer

- A Future oriented working environment with growth perspectives
- Outstanding development possibilities
- Opportunity to contribute to the energy transition in a highly motivated and international project teams in HVDC projects
- Open feedback and failure culture
- Collaboration with a wide variety of customers, such as developers or transmission system operators, in different countries
- Payment according to Union Frame contracts

Interested!? Submit your application in digital form to following Address:
sepc-application@siemens-energy.com

If you prefer, you can also submit your printed application to our HR Department in Langen.

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