CONDIS®

The Substation Automation Systems departement seeks a new

Technical Domain Expert – Power System Control & Automation

Are you passionate about the operation and control of power grids? Would you like to develop your expertise in this field?

To strengthen our SAS team, we are looking for a **Technical Domain Expert (TDE)** in the **control, supervision and automation of HV and MV power grids.**

In this role, you will be at the intersection of **power system operation, control-command applications, automation and IEC 61850**. You will work directly with transmission and distribution system operators to understand their operational needs, define technical concepts and support the effective use of our software products for supervising, controlling and automating their power grids.

As a TDE, you will be a key technical interface between our customers and our internal development and integration teams. You will bring an understanding of grid operation, customer practices and field requirements into the way our products are applied and continuously improved.

We are looking for a technically curious person with a solid background in electrical engineering, power systems or control-command who wants to **develop deep expertise in power system control-command, IEC 61850 and automation**.

Main tasks and responsibilities

As a Technical Domain Expert, you will:

- Work directly with customers to understand their grid operation, supervision and control needs and translate them into technical concepts and applications.
- Define and contribute to control-command and automation concepts across control center, substation and bay levels, for both new installations and the modernisation of existing systems.
- Develop and maintain strong expertise in IEC 61850, particularly in data modelling, signal semantics, MMS communication and its practical application to RTUs, HMIs and control applications.
- Contribute to the standardisation of control-command solutions and engineering practices, including reusable concepts and top-down engineering approaches.
- Support customers through technical workshops, demonstrations, training, proofs of concept, pilot projects and qualification activities.
- Translate customer and engineering needs into clear specifications for developments, evolutions and corrections of our software products, and contribute to validating the resulting implementations.
- Bring the realities of grid operation and customer practices to our software development teams, helping them understand the purpose and operational context behind technical requirements.
- Act as a technical reference for our Field Application Engineers when complex configuration, integration or operational issues require deeper domain expertise.
- Contribute technical expertise to sales and tender activities by analysing specifications, assessing requirements and determining how they can be addressed with our products.
- Ensure that technical concepts and their implementations take applicable standards, regulatory requirements and cybersecurity principles into account from the earliest design stages.
- Contribute to the evolution of control-command architectures toward digitalisation, software-based and virtualised solutions and OT/IT convergence, where technically relevant.
- Share your expertise through technical guidance, training, knowledge transfer and mentoring.

If you want to join an innovative - growing - international – fast-paced company, please send your resume to hr@condis.ch

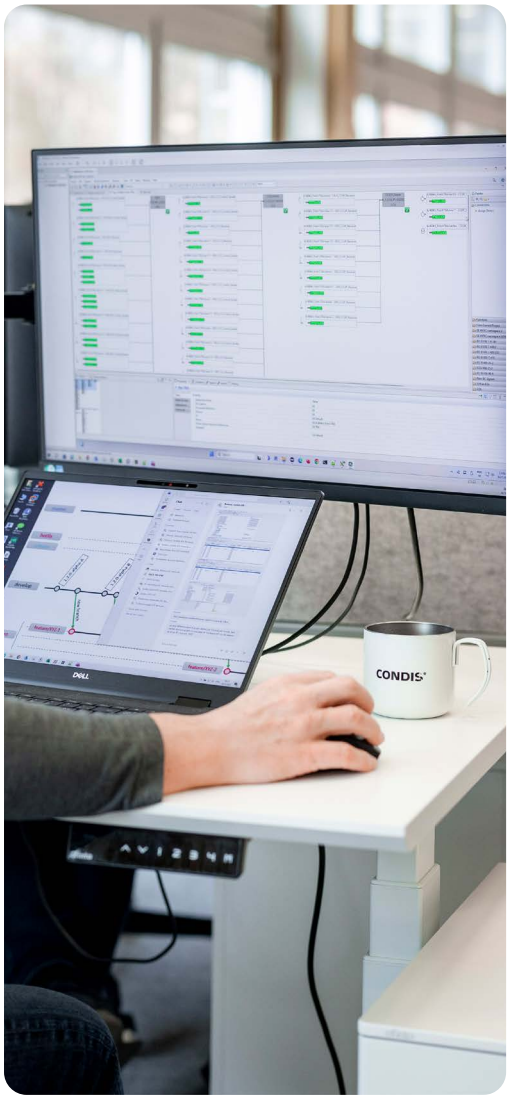
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What you bring

We are looking for someone with a strong technical foundation and, just as importantly, the curiosity and motivation to continuously develop their domain expertise.



You ideally bring:

- A proven technical background in **electrical engineering, power systems, control-command, automation or a related field**, gained through relevant professional experience.
- A good understanding of, or strong interest in **IEC 61850**, with a strong motivation to develop deep expertise in the standard, particularly its data model, MMS communication and practical use in control-command applications.
- Knowledge of **power grid operation, supervision and control**, including the practices, needs and constraints of the people operating and maintaining electrical networks.
- An interest in automation and evolving grid applications, including topics such as **DER and flexibility**.
- The willingness to work hands-on with engineering and configuration tools when required, particularly for demonstrations, PoCs, qualification activities and complex troubleshooting.
- Strong analytical and problem-solving skills.
- The ability to understand a technical challenge from different perspectives, from control center operation and field activities to maintenance and system integration.
- Excellent communication skills and the ability to explain complex technical concepts to different audiences.
- Curiosity about the evolution of control-command technologies, including digitalisation, virtualisation, OT/IT convergence and cybersecurity.
- Sufficient technical proficiency in **French, English and German** to discuss technical concepts with customers and colleagues and to deliver presentations or training.

What matters most to us is your interest in understanding how power grids are operated and controlled, how control-command systems support this operation, and how technology can be applied to solve real operational problems.

You should enjoy moving between different technical perspectives. On one day, you may be discussing a control-command concept with a grid operator. On another, you may configure an application for a PoC, demonstrate a function to a customer, explain an operational requirement to a software developer, or help an integration engineer solve a complex issue.

You will influence the evolution of our software products through your domain knowledge, customer interactions and technical experience, but this is not a Product Manager or Product Owner role. Likewise, you are not expected to be a software developer or an expert in every adjacent technical domain.

What we are looking for is someone who wants to become a trusted technical reference for the control-command of electrical networks, while remaining close to customers, real applications and the technologies used to implement them.

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More about us

CONDIS is a Swiss technology company providing solutions for electrical power grids. Its Substation Automation Systems (SAS) product line focuses on software for power grid control and command. At its core is XPG, a software platform supporting gateway/RTU, substation SCADA/HMI, automation, and data exchange applications.

With expertise in the IEC 61850 protocol, a deep understanding of the opportunities and challenges of digitalisation, and proven experience in engineering, manufacturing, data management and intelligent devices for both primary and secondary equipment, we are the place to be for anyone who wants to make an active contribution to the evolution of the electricity network.

What we offer

- Supportive work-life balance (incl. home-office)
- Financially favourable maternity and paternity leave
- Complimentary parking and EV charging
- Credit card subscription
- Employer contribution to health insurance
- Enhanced pension scheme
- Free coffee to keep ideas energised
- Locker rooms with showers
- Option for sabbatical leave
- Preferential access and rates for selected services and venues*
- Sports hall membership