



POWER ELECTRONICS ENGINEER IN MARKETING

At imperix, we have built a broad portfolio of highly specialized products, most of which lead their field worldwide. Our next challenge is to show it: what we have achieved, what we can do, and how researchers can leverage it. Few engineers write well, and few writers understand power converters. We are looking for someone who does both, and who asks not only how a solution works, but what value it creates. You will show how our products accelerate research, through stories, web pages, brochures and presentations written for fellow engineers.

ABOUT IMPERIX

At imperix, we develop and commercialize prototyping and test equipment for power electronics, electric drives, smart grids and related topics. Our products help R&D teams worldwide turn new ideas into working laboratory prototypes, quickly and safely. In practice, our customers use our equipment to validate state-of-the-art control techniques and new converter topologies, and their work regularly leads to scientific publications. Our customers include universities such as Virginia Tech, Aalborg University, RWTH Aachen, ETH Zurich, and Zhejiang University. We also serve research centers such as CERN, Sandia and Oak Ridge National Laboratories, as well as companies such as ABB, Tesla, Bosch, Schneider Electric, Mitsubishi and Hitachi. At imperix, we deliver anything from plug-and-play products to fully customized turnkey systems in over 50 countries. We are a team of about 35 people, all located in Sion, Switzerland.

YOUR ROLE

Toward the market, you shape how prospective customers discover and understand imperix. You produce the material they read before they ever contact us: web pages, brochures, blog articles, success stories, sales presentations and application notes. Your starting point is never the product itself, but the researcher on the other side: what they are trying to achieve, what holds them back, and how our products can help them obtain better results, or reach them faster. Their perception of value often differs from the technical merits an engineer would instinctively put forward. Understanding that gap, and writing for it, is the core of this role.

Internally, you work across the engineering and the marketing teams. You develop the application examples that your material is built upon, which means real converters, real control code and real measurements. You also collaborate with the sales and application engineers, who bring back first-hand knowledge of customer needs, and with the R&D team, who know the products inside out. The technical half of this role is not decorative: the credibility of everything you publish rests on the work you did yourself in the lab beforehand.

YOUR RESPONSIBILITIES

Marketing and content (about 60%)

- Identify what researchers actually need and how they perceive value, drawing on customer feedback, the sales team and the scientific literature.
- Turn technical results into clear arguments that answer those needs, rather than lists of features.
- Write and maintain web pages, brochures, product overviews and sales presentations for the imperix controllers, power modules and software.
- Create success stories together with customers who have implemented remarkable configurations and reached interesting results, from the first interview to the published story.
- Document and promote past realizations, to illustrate the customization services imperix offers, from adapted products to fully customized turnkey systems.
- Produce the figures, diagrams, measurement plots and visuals that carry the message, and contribute to videos where relevant.
- Assist product development engineers along the creation of datasheets.

Application engineering (about 40%)

- Develop application examples on imperix hardware, covering converter topologies and applications such as motor drives, PV, energy storage systems and microgrids.
- Select examples for what they demonstrate to customers, not only for their technical interest.
- Base each development on existing literature, then validate it in simulation and on the bench.
- Document the results as application notes and articles for the imperix knowledge base.

YOUR PROFILE

- MSc or PhD in electrical engineering, with some relevant experience beyond graduation. More senior profiles are also welcome.
- Broad knowledge of power converter topologies, control techniques and measurement.
- A genuine interest in marketing, and in understanding what customers value beyond the technical specifications.
- Excellent written English, and the ability to organize your thoughts into a clear, convincing argument.
- Autonomous and well organized, able to carry a topic from idea to publication.
- A Swiss work permit, or eligibility for one.

The following are also highly appreciated:

- An interest in graphic design, page layout and visual communication.
- An interest in video editing and content production.
- An interest in web publishing and content management systems.
- Working knowledge of French or other languages.

WHAT WE OFFER

- **Top-notch environment.** The world's leading labs are the audience you write for, and the source of the needs you address.
- **Visible work.** Your application examples and articles are published under your name and read by research groups and industrial R&D teams in more than 50 countries.
- **Real ownership.** In a team of about 35 people, you own your topics from the first lab test to the published page.
- **Conferences.** Like every imperix employee, you can attend one to three conferences or trade fairs a year. This is an opportunity, not an obligation.

PRACTICAL DETAILS

- **Contract:** permanent, 80–100%.
- **Start:** as soon as possible.
- **Location:** on-site in Sion, Switzerland, a short walk from the train station.
- **Travel:** conferences 1–3 times a year.
- **Languages:** English is the working language within the company; French is spoken in Sion.
- **Contact:** jobs@imperix.ch, for applications and any questions.

HOW TO APPLY

Send a complete application to jobs@imperix.ch, including:

- your CV;
- one or two samples of your technical writing, such as an article, a report or a thesis chapter;
- any visual or content work you are proud of, such as figures, a presentation, a video or a website;
- a personalized cover letter showing that you understand who we are, where we are located and what we do, and what you could bring to the team;
- information about your prior experience and how it relates to this position;
- proof that you hold a Swiss work permit or are entitled to one.

We read every application carefully and reply within 10 days to the profiles that interest us. Only complete applications are considered, and obviously machine-generated letters are not (especially for this position)! We welcome applications from everyone, whatever their background.



ABOUT US

Imperix is a leading global provider of high-performance control solutions and rapid prototyping hardware engineered specifically for power electronics. Founded in 2013 as a spin-off from the Swiss Federal Institute of Technology (EPFL), the company accelerates innovation by bridging the gap between numerical simulation and physical implementation.

At the core of the Imperix ecosystem is the flagship B-Box controller family, which unites robust digital processing, the intuitive Cockpit software, and automated code generation from Simulink and PLECS. These control development solutions are complemented by a comprehensive hardware portfolio encompassing modular power stages, high-fidelity sensors, fully integrated inverters, as well as hardware and software interfaces for real-time HIL/PHIL simulation. Together, these tools empower top-tier industrial and academic R&D teams to safely test advanced control algorithms on real hardware within minutes, drastically reducing time-to-market and time-to-publication.

Headquartered in Sion, Switzerland, Imperix serves a prestigious client base across more than 50 countries. By delivering specialized, modular tools for power conversion, smart grids, motor drives, electric mobility, and energy storage, Imperix stands at the forefront of the technology enabling the global energy transition.