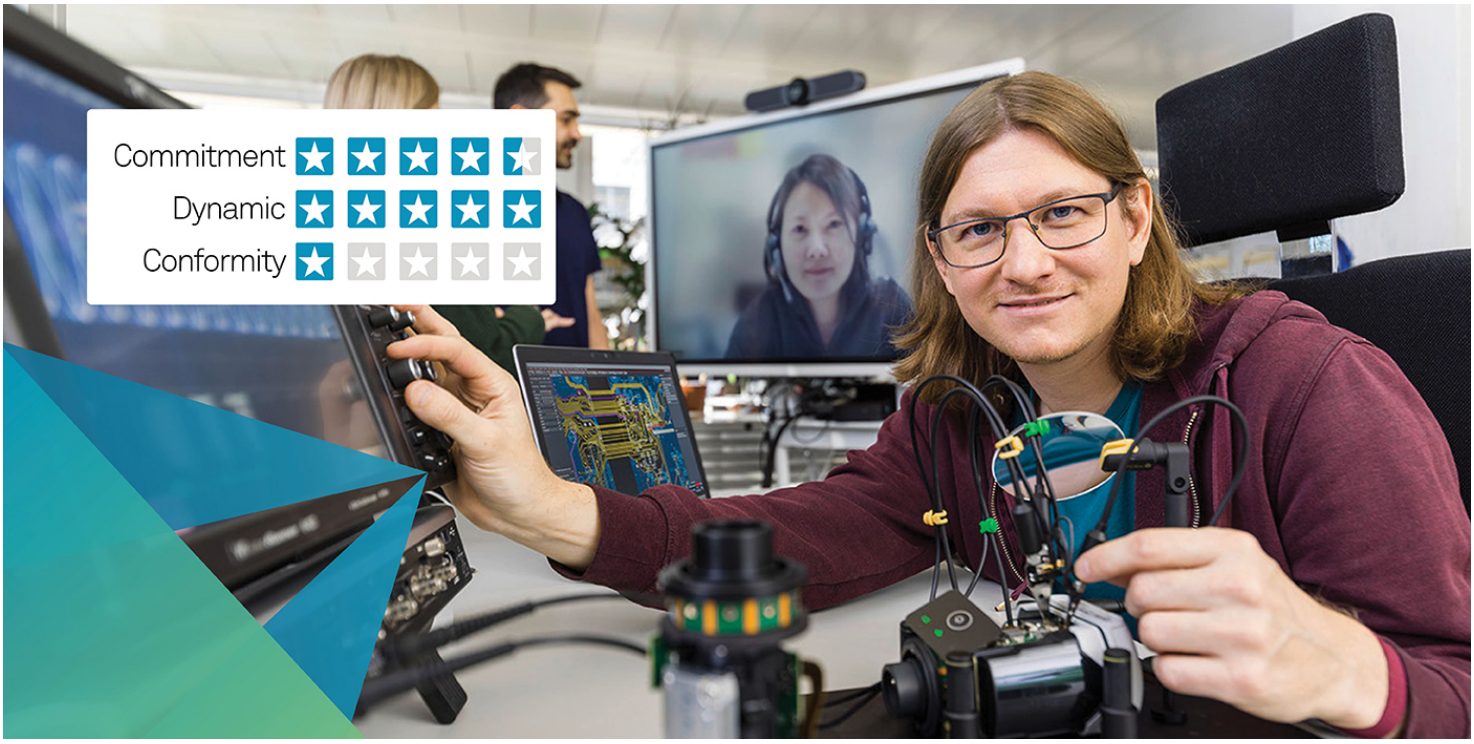

Hexagon's Infrastructure & Geospatial Business Area combines measurement, positioning, and mapping technologies to help geodata-dependent industries capture, measure, and visualise the physical world – turning data into actionable insights for better decisions and greater efficiency.

As part of our team of 20 Electronics Engineers you will not only have the opportunity to work on technically challenging projects and next-generation products, but you will also be able to contribute your RF system expertise within the team and benefit from a wide range of in-house skills.

You will develop and integrate wireless technologies for high-precision surveying instruments, autonomous systems and digital reality solutions used worldwide.

Join us and shape the future of geospatial technology. Apply now to become part of our dynamic geomatics team and unleash your full potential.

Senior RF System Engineer (f/m/d)

Heerbrugg **80-100%**

This appeals to you

- You define wireless system architectures, select and qualify suitable RF modules, antennas and components for next-generation products.
- You create antenna concepts, review schematics, PCB layouts and design, lead antenna integration activities to optimize wireless performance.
- You translate product requirements into specifications such as RF link budgets, measurable performance targets and verification strategies.
- You optimize wireless performance in terms of communication range, wireless technologies coexistence, data throughput, latency and energy

This is you

- MSc or BSc in Electrical Engineering, Telecommunications, RF Engineering or a related discipline.
- 8+ years of experience developing wireless or RF-enabled products from concept to series production.
- Strong practical knowledge of wireless technologies such as Bluetooth, WLAN, NFC, GNSS, Cellular.
- Solid experience in wireless system architecture, antenna integration and RF fundamentals.
- Hands-on experience with RF measurement equipment and wireless performance evaluation.

consumption while considering product cost and competitiveness.

- You support wireless regulatory compliance, global certification and MNO approval activities.
- You contribute to technology scouting, team competence development and the wireless technology roadmap.
- You support product lifecycle activities including production, service and field troubleshooting.
- Understanding of embedded software and wireless protocol stacks.
- Experience with RF simulation and modelling tools or GNSS technologies is an advantage.
- Entrepreneurial mindset with ownership, proactive execution and technical leadership in multidisciplinary teams.
- Effective communication in English and German.

We offer you

- Flexible annual working hours based on a 40-hour week
- 25–30 days of vacation, depending on age
- Bonus system and extra-mandatory pension fund contributions
- Opportunities for personal and professional development
- Relocation support
- Employee discounts and various company events
- International working environment with collaboration across teams and countries

Here you can find more information about us as an employer.

About Us

At Hexagon, we are the global leader in measurement technologies. Our precision measurement, positioning, and autonomous solutions transform the world's most vital industries – providing the confidence that customers rely on to build, navigate, and innovate.

From microns to Mars, we drive productivity, quality, safety, and sustainability where it matters most. We help industries operate smarter, reduce risk, and reach new levels of efficiency.

Looking ahead, we are advancing our customers towards a future of true autonomy – enabling them to meet sustainability and demographic challenges with confidence.

With approximately 16,000 employees across 50 countries, Hexagon combines global scale, expertise, and innovation to make a lasting impact across some of the world's most vital industries.

Learn more at hexagon.com.

Contact

If you have any questions, please do not hesitate to contact Dominik Kung, Talent Acquisition Partner.

APPLY NOW

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg

Job-ID: khbrqtgx

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