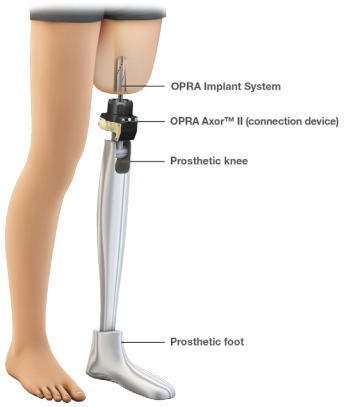
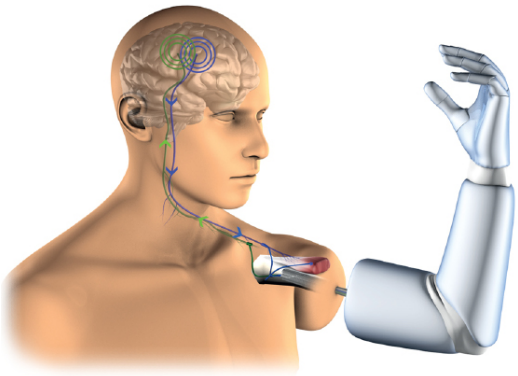
CAREER OPPORTUNITY

Senior Hardware Developer - Active Implantable Medical Devices
Neuroprosthetics

Integrum is the world leader in the field of bone-anchored prosthetics with over 25 years of experience on osseointegration and medical devices. Our technology has improved the lives of hundreds of amputees around over the world, and we continue striving to provide better solutions to restore function after limb loss. Integrum has developed and clinically implemented breakthrough technologies in collaboration with Chalmers University of Technology and Sahlgrenska University Hospital in the fields of neural prosthetic control and the treatment of phantom limb pain.





The Osseointegrated Human-Machine Gateway (OHMG) directly connects bionic prostheses to the patient's bone, nerves, and muscles by building on the foundation of the OPRA Implant System. For the first time, robotic prostheses that are controlled by implanted neuromuscular interfaces while providing natural tactile feedback through neural stimulation are a clinical reality. This technology is under continued development and in an ongoing clinical trial.

Position summary

The main objective of this position is to enable the commercialization of an embedded system for prosthetic control and neurostimulation. This include CE marking and FDA approval.

Qualifications

- M.Sc. or Ph.D. degree in related fields.
- At least two years of verifiable experience in the development of electronic systems, preferably in the medical device industry.

Required experience in:

- Hardware design
- Firmware development
- Prototyping and manufacturing
- Embedded systems

Desirable experience:

- Medical Devices
- CE marking
- Product development
- Software development standards

Skills:

- Self-driven, result oriented and quality minded

Applications

Please send a cover letter describing your experience (maximum 1 page), and CV to Dr. Max Ortiz C. at max.ortiz@integrum.se.