Description	
Job Title	Field Test and Systems Engineer (EU)
Reports to Title	Project Manager, Systems Engineering
General Accountability	Our mission is to Profoundly change the standard of care by creating a tomorrow where clinicians can confidently ablate tissue with precision; a tomorrow where patients have access to safe and effective treatment options, so they can quickly return to their daily lives. Changing the standard of care is part of our fabric. We are a group of energetic, problem-solvers focused on innovation, and looking to change the world. We are changing the paradigm for treating diseases such as prostate cancer by using real-time MR Imaging, thermal ultrasound and close-loop temperature feedback control, to gently ablate the diseased tissue with minimal side effects. If you share our values and want to work in a collaborative results focused culture and want to make a Profound impact in healthcare and your career, here is your chance. The Field Test and Systems Engineer is a key employee in Profound Medical. Their primary role is to expand compatibility of the company's MR-guided ultrasound therapy products (TULSA and Sonalleve) with various models of MRI scanners, performing this work inside MRI facilities, either at existing customer sites or at MRI vendor's facilities. They play a key role in the verification and validation cycles and in every first-of-a-kind product installation and patient treatments. Their work is done at customer's and vendors' facilities which are located at various sites in the EU. As such, extensive travel (>50% of time) within the EU is required.
Duties and Responsibilities	1. Perform verification and validation tests of the company's current products as well as new product versions at MRI sites. Specific duties are: • Participate in creating protocols to test compatibility of the company's products with MRI scanners • Perform MRI verification tests and write verification reports, either through phantom or human volunteer studies • Investigate and troubleshoot issues with the company's equipment and with its compatibility with MRI scanners • Report findings to the engineering and QA teams and participate in the resolution of issues with equipment and MRI scanner compatibility • Develop scripts using programming languages such as Matlab or Python to analyze verification data and treatment outcomes • Occasionally, support planning, development and execution of patient treatments, including clinical trials

	• Remain informed of new developments in MRI technology and determine their impact on the company's technology • Escalate technical issues to the engineering team and ensure timely resolution • Participate in product design activities representing design for serviceability and product quality representing both internal customers and end users • Other duties as required by the company 2. Other duties as required by the company
Competencies	
Education	University degree in Engineering or Science
Certifications	None
Key Attributes **(experience, skills and technical knowledge)**	**Required:** ▪ At least 1-3 years experience with testing and/or servicing medical imaging equipment ▪ Experience working with MRI scanners ▪ Excellent problem solving and troubleshooting skills ▪ Demonstrated ability to thoroughly document outcome of testing activities ▪ Great attention to details and accuracy in technical reports ▪ Good project management skills, including managing conflicting timelines, task tracking, and communication with various stakeholders ▪ Valid passport for travel within EU, United States and Canada **Desirable:** ▪ MRI console operation ▪ Experience with scripting programming languages (Matlab, python) ▪ Experience with setting up medical imaging equipment, DICOM exchange, PACS, and hospital information systems