



NEWS RELEASE

## **OSENSA Introduces MRI Temperature Sensing Solution for Implantable Device Testing**

**Burnaby, British Columbia, May 1, 2015 – OSENSA Innovations Corp. (“OSENSA”)** introduces an expandable, cost-effective, MRI temperature sensing solution for implantable device testing. Osensa PRB-G40 and PRB-MR1 style fiber optic temperature sensors offer absolute accuracies of  $\pm 0.10^{\circ}\text{C}$  with measurement stability greater than  $\pm 0.02^{\circ}\text{C}$ . These probes are manufactured with non-magnetic fiber optic connectors for safe handling in the MRI suite and simple coupling to extension cables. The system includes an expandable USB base station that can be configured with anywhere from 1 to 30 sensing channels. Also offered is OsensaView Pro software which provides real-time graphing and data logging for recording up to 30 channels per second. The software is easy to configure and includes simple statistical measurements such as average, standard deviation, minimum, maximum, and offset relative to a reference sensor.

“We believe this MRI temperature sensing solution is the most advanced system on the market today,” comments Daryl James, President. “Legacy systems sold by our competitors are slow and bulky and produce really high levels of measurement noise making precise temperature comparisons almost impossible. Osensa’s MRI solution is a generation ahead with respect to speed, accuracy, and usability. I’m extremely proud of our R&D team for developing such a great product.”

Osensa’s MRI fiber optic temperature sensors are in use by many of the worlds leading research institutions including Harvard Medical School, the Max Planck Institute, Institute de Physique Paris, LVIV Polytechnic, and the Universitat Bern.

### **About OSENSA ([www.osensa.com](http://www.osensa.com))**

OSENSA Innovations Corp. develops and manufactures cost-effective fiber optic temperature sensors for industrial applications including high voltage power transmission and distribution, semiconductor processing, microwave, process control, and laboratory testing. OSENSA is a privately held company with a strong emphasis on research and development and the commercialization of innovative technologies that improve quality of life while protecting the environment. OSENSA’s fiber optic temperature sensors monitor high-voltage equipment, permitting optimum transmission efficiencies which reduces waste energy and extends equipment life.

### **For further information, please contact:**

Daryl James, President

Tel : 604-754-5943

Email: [info@osensa.com](mailto:info@osensa.com)

Web: [www.osensa.com](http://www.osensa.com)