

Wireless Sensor Network technology - WSN.

Wireless Sensor Networks (WSN) are the technology of tomorrow. RadioSense AB has the solutions today, field proven since 8 years. The sensors have unique patented leading properties, such as;

- Maintenance free, 17 years or more...
- Real-time, event based reporting.
- Instant on-line access via Internet and SMS.
- Field configuration and deployment without programming, without even a single "click".



RadioSense AB is a part of the Swedish VINN Excellence Center, WISENET, for research in the field of WSN.

Wireless Sensors, monitoring Railways.

RadioSense AB has developed specific sensors to support the rail maintenance. The sensors monitor key conditions in the infrastructure and issues SMS-messages prior to fault conditions.

This preemptive monitoring with alarms reduce costs and down-time in the railway infrastructure, yielding a higher reliance and productivity of the infrastructure as a whole.

Universal use, in all countries.

The technology is directly applicable in all countries using rail signaling of train presence, disregarding if the railway is electrified or not.

The technology extends the infrastructure of today, so that a switch to ERMTS does not have to be forced due to maintenance costs or drawbacks of the existing system.

The products can be used in all countries in Europe, Russia and in the USA. Field proven in Sweden.

* TermoSense® and RadioPLC® are registered trademarks # 399593 and 380443. The products are covered by 7 patents, 0601964-0, 0602021-8, 0850069-6, 1150137-6, 1150138-4, 1230113-1, and 1230114-9.