

# Alcune applicazioni WSN di Crossbow Technology

## FEATURED SOLUTIONS

Crossbow continually showcases the cutting-edge applications into which our Mote platforms are being deployed on the Crossbow Solutions blog. Due to the simplicity, versatility and flexibility of these devices, users from every industry worldwide have been researching and deploying wireless sensor networks within applications ranging from power harvesting, chemical gas detection, human behavior monitoring, landslide monitoring, animal monitoring, intrusion detection, environmental monitoring, contamination detection... to name a few. The Solutions blog highlights these exciting new deployments and we encourage you to submit your own projects and research to be featured.

### Featured Deployments :



**Subzero Temperature Monitoring**  
[Deployment of Motes in Antarctica to monitor weather conditions \(IRIS\)](#)



**Substation Monitoring**  
[Detection of SF6 leaks by electric utility companies \(MICA2\)](#)



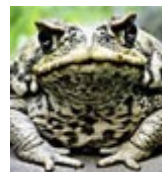
**Child Location Monitoring**  
[Solution to track a child and ensure their location \(MICAz\)](#)



**Soil Moisture Detection**  
[Deployment of eKo system for water usage measurement and conservation \(eKo\)](#)



**Training Simulator - XCTC**  
[System to enhance tactical training and maneuvers \(CRICKET\)](#)



**Pest Detection**  
[Solution to locate and detect cane toads using acoustic sensors \(MICA2\)](#)



**Assisted Living System – ALARM-Net**  
[Wireless Sensor Network for elder-care and assisted living scenarios \(MICAz\)](#)



**Radiation Monitoring Monitoring – RadMote**  
[Detection of harmful radiation in nuclear power plants \(MICAz\)](#)



**Pipeline Condition Monitoring**  
[Solution to collect acoustic/vibration data for leak/crack detection \(Imote2\)](#)



**Intelligent Transportation**  
[System to provide users with real-time traffic data and road conditions with vehicle-to-vehicle networks \(MICAz\)](#)



**Rocket Malfunction Detection**  
[Predictive maintenance and detection of mechanical failure to minimize damages \(MICAz\)](#)

To address the unique requirements of individual applications, Crossbow provides a broad portfolio of wireless sensor network products such as our **MICAz, TelosB, IRIS platforms**. Available in development kits, users are able to choose the optimal solution for their industry, application and geographical requirements. Crossbow's technology is proven in numerous deployments and is ideal for systems where multiple sensors nodes are required. For more articles on the leading-edge deployments being done with Crossbow's Mote platforms visit the [Solutions blog here](#).