



## ENVIRONMENTAL RADIATION MONITORING SYSTEMS (ERMS)

- Comprehensive product portfolio
- Integrated systems
- Ruggedized instruments



# FROM SENSORS TO TURNKEY NETWORK SOLUTIONS

## APPLICATIONS

- **Ring monitoring** around nuclear plants
- **Nationwide early warning** systems
- **Area monitoring** within facilities
- **Mobile & quick deployment** solutions



### Autonomous measuring probe

Measure, record and transmit the environmental gamma radiation dose rate.

*GammaTRACER Basic, XL2 and Spider*



### Spectroscopic measuring probes

Continuous measurement of very low air, soil or water contamination. Spectrometric analysis for radionuclides identification.

*SpectroTRACER*



### Aerosol monitoring

Measure the concentration of  $\alpha$ ,  $\beta$  and  $\gamma$  artificial radioactive aerosols.

*BAB and SA200/210*



### Optional sensors and features

Complete environmental monitoring network: temperature, humidity, rainfall, wind, wind direction...

*Weather station & rain sensors, handheld dose rate meters, power supply, radon monitoring...*



### Data transmission solutions

Proprietary solutions designed to transmit online data from connected low-power sensors. Also compatible with other redundancy solutions (wireless: satellite and 3G/4G).

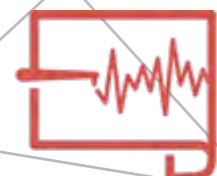
*SkyLINK and ShortLINK*



### Data management software

Autonomous and private wireless networks designed to transmit online data from connected low-power sensors.

*DataEXPERT & WebVIEW*



**SEISMIC TEST  
APPROVED**



## OUR EXPERIENCE

### More than 40 years of expertise in ERMS

- 4000+ sensors operating worldwide
- In more than 40 countries






### Continuous Innovation



### Made in France & Germany



### Prestigious customer references

- BfS 
- EDF 
- Bruce Power 
- CGN 
- Egyptian Army 

[WWW.BERTIN-INSTRUMENTS.COM](http://WWW.BERTIN-INSTRUMENTS.COM)

Bertin Technologies S.A.S • Parc d'Activités du Pas du Lac  
10 bis, avenue Ampère, 78180 Montigny Le Bretonneux, France  
RCS: 422 511 204 VERSAILLES | SIREN: 422 511 204