

AMS Antenna Monitoring System

Distance to Fault Detection



The SPINNER Antenna Monitoring System (AMS) protects broadcasting infrastructure by continuous monitoring the entire antenna system and detecting faults at an early stage, such as arcing or water ingress. It informs you about them as well as their location in order to prevent a severe failure.

Radio and television broadcasters worldwide rely on their systems to deliver content to listeners and viewers. Although their infrastructure may be robust, it can still be vulnerable.

Arcing or water ingress can occur for various reasons such as damaged components by bad weather or long-term use, improper installation, RF overloads, or even unexpected events.

The heat generated by the arc can damage the infrastructure or even lead to fire, thus completely disabling the broadcast system. The resulting long off-air times and financial losses incurred by repairs and legal claims are often substantial.

Operators therefore need a reliable early failure detection system to prevent serious damage. The SPINNER Antenna Monitoring System can help with this.