



## National Stadium Heat Detection Bucharest, Romania

In 2011, an AP Sensing N4387A Linear Heat Series solution was installed in the new National Stadium in Bucharest, Romania. It is a football (soccer) stadium for international matches of Romania's national soccer team, as well as for the finals of the Romanian Cup and the Romanian Supercup. It also will host the final of the Europa League 2012. The stadium has a capacity for 55.600 people, expandable to 63.000.

The N4387A monitors the temperature in the cable trays. These cables supply the power for the lighting on the playing field. The cable trays reach over three levels and are divided into 24 different alarm zones.

The Linear Heat Detection instrument is connected to the fire panel via the relay in- and outputs. Using these relays each zone controls the automated fire-extinguishing for that particular zone. The total length of the fiber is about 2500 meters and is installed in a single-ended configuration.



*The National Stadium*



*LHD instrument in the control room*

