



**SIEMENS**



# Solutions for Sports and Entertainment Venues

## Fire Detection and Alarm

[www.siemens.com/bt/sportsvenues](http://www.siemens.com/bt/sportsvenues)

Siemens delivers complete infrastructure solutions for major sports and entertainment facilities all over the world. References exist in more than 150 stadiums and arenas.

Fire is an issue for any facility in which the public gather but when people are together in the large numbers typified by a stadium it becomes a particularly potential threat. A stadium has different fire safety requirements and it is important to use the appropriate detection method in each case. For example, in grandstands, hallways and other large areas linear smoke detection may be employed, while in business critical areas, such as sky boxes, kitchen areas, kiosks

and the event management center, high sensitivity systems are more appropriate to provide early detection. Early fire detection enables business continuity and also guarantees extra time to ensure a safe evacuation and ultimately saves lives. The combination of detection and extinguishing provides reliable fire safety that ensures the protection of people, assets and investments. All fire safety devices and alarms are handled from a central management system.

**Answers for infrastructure.**



### Security Challenges

It is vital for a fire safety solution to quickly detect, locate and verify a fire in order to contain it and protect people, property and investments. The challenges include:

- Early detection and pre-alarming of fire in order to react appropriately and coordinate resources and intervention forces.
- Flexibility needed to monitor areas of varying sensitivity – e.g. office rooms compared to technical rooms with critical cabling.
- Central control of all implemented systems like fire doors, sprinklers, ventilation, PA and others on one platform to maintain complete situational awareness and maximize efficiencies.
- Coordinated alarm and evacuation to ensure all those involved are evacuated safely as fast as possible.
- Compliance with international and regional safety and security standards as well as the event’s Local Organizing Committee’s (LOC) regulations.

### Our Solution

Fire safety solutions are designed for fast response and guaranteed prevention of false alarms. These systems include:

- A wide range of different detectors for individual protection of dedicated areas.
- An intelligent, sophisticated management system that combines highly intelligent detectors.
- The integration of various sub-systems on one central platform providing complete situational awareness.
- An acoustic alarm via the PA system to support a quick and safe evacuation.
- Tailor-made solutions that meet customer requirements and international/local regulations standards.
- Efficient crisis management planning to create effective solutions so that public safety is ensured while fans can enjoy the event.
- A strong network of worldwide specialists that can transfer know-how where ever needed.

### Highlights

- Individual and early detection of any fire hazards
- Programmable and flexible alarm scenarios
- Safety and security integration on one platform enables complete situational awareness
- Genuine alarm guarantee
- Effective crisis management for safe evacuation
- Specialists know-how