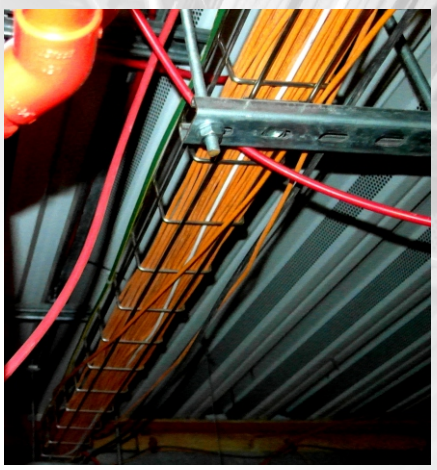
APPLICATION: **Void Spaces**

Location: **Above ceilings and modular buildings, under floors, or behind architectural features in office buildings, shopping centres, hotels, and education facilities**

Detector: **ASD systems and point (spot) smoke detectors**



Benefits of Scorpion®-

- No deviations to test regime due to access issues
- Confined space two-man working avoided
- Potential damage to building infrastructure reduced/eliminated
- Time needed for testing significantly reduced
- Consistent and repeatable test with benign agent leads to better unwanted alarm management/reliability
- Eliminates disruptions to the building and increases availability for users

Aesthetics and user friendliness of buildings has become increasing important as competition for customers and skilled employees grows, and as understanding of the user environment becomes better ingrained in new building design. Every building, whatever its age, is likely to have hidden spaces above ceiling tiles, under floors, or behind pipe and cable risers. Older buildings sometimes use modular rooms to house IT servers and telecom systems, and these again leave a space between them and the building walls and ceilings, which require fire detection.

Fire detection sometimes becomes secondary to a buildings' primary function, and certainly the easy and regular testing of these detectors is often overlooked.

Testing in these environments currently often involves:

- Cordon off areas needed for access. Depending on the location, this may involve disruption to the business and Health and Safety sign-off.
- Removal of carpets and floor tiles, ceiling tiles, or other panels to gain access to the void area.
- Engineers then have to get close to the detector or sampling pipe to perform a test, which may involve climbing / crawling through restricted spaces with the test equipment. This, could dislodge pipes or disconnect cables (possibly even those of the fire system itself), or cause other damage such as to ceiling tiles or panels. Health and safety concerns mean this becomes a two-person operation.

Scorpion changes all this. With Scorpion micro smoke generating heads mounted at the ends of the air sampling pipes (or adjacent point detectors) and the Scorpion control panel mounted in easy reach or adjacent to the fire panel, the system can be tested by one engineer without any of the above issues.

Scorpion provides a repeatable and consistent smoke to reliably test the ASD system each time. The ease of test eliminates any need to deviate from the test schedule.

Scorpion radically changes the way ASD systems will be tested and maintained.

www.scorpion-tester.com

scorpion®
REMOTE DETECTOR TEST TECHNOLOGY