

CRITICAL INFRASTRUCTURE PROTECTION

- CHEMICAL & EXPLOSIVES TERROR THREATS
- AIR QUALITY MONITORING
- PERIMETER PROTECTION
- PORTAL & PORTABLE DETECTION
- HVAC MONITORING
- WATER SUPPLY MONITORING



The constant risk of terrorist attacks around the world has greatly expanded the need for detecting threats to our national and local infrastructure. There exists a significant threat at public buildings and utilities as access to the building and support structures is relatively uncontrolled. Today's instruments do not have the versatility and low false alarm rate to be successfully deployed in these scenarios. 1st Detect can be deployed in-line HVAC systems to determine air quality and detect threats. The technology can also be used for portal and entry screening. The low false alarm rate means that highly accurate detection is possible without disruption or the risk of high regret consequences.

■ ADVANTAGES:

- WIDE RANGE OF THREATS DETECTED BY ONE INSTRUMENT
- SIMILAR USER OPERATIONS AS CURRENTLY FIELDIED INSTRUMENTS
- ADAPTABLE TO NEW THREATS WITH NO HARDWARE UPGRADES REQUIRED
- MS/MS ENABLED MASS SPECTROMETER
- ETHERNET AND 802.11 B/G COMMUNICATIONS
- REMOTE PROGRAMMING AND CONTROL
- LOW FALSE ALARM RATE
- CHEMICALS DETECTED: TICs/CWAs/EXPLOSIVES

