

# Who is BPSI?

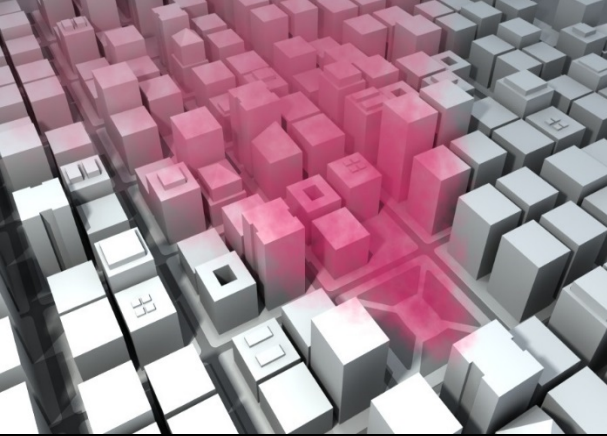
## Building Protection Systems International

### SENTRY ONE

Critical Human Life  
Protection Against  
Chemical, Biological,  
Radiological &  
Nuclear (CBRN) Acts  
of Terrorism or  
Accidental Releases

Fixed and Fully  
Scalable Modular  
Autonomous  
Unhackable  
Architecture CBRN  
System Solution

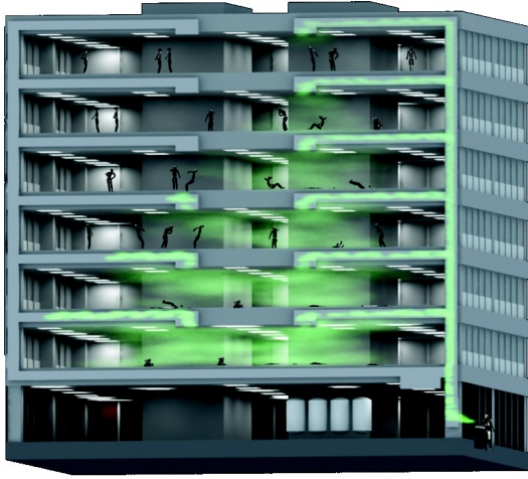
Engineered and  
Made in USA



# The Threat

An airborne release or targeted terrorist attack utilizing:

- Toxic Industrial Chemicals (TICs)
- Radiological Dispersal Device (RDD / RAD)
- Chemical Weapon Agents (CWAs)
- Experts believe the Current Geopolitical Conflict and rising hatred of the West from the Middle East will create Complex Coordinated Attacks or Lone Wolf Acts using Chemical and Radiological Toxins



# The Vulnerability

- Fresh air intakes are often at ground level making an attack from outside a building simple.
- Mid-rise, or roof fresh air intakes will pick up toxins from a plume cloud making seemingly non targeted buildings a victim of an external chemical release or dirty bomb.
- Return air intakes located on any floor will pick up an internal release, making an attack from inside the building simple.
- The toxins will be distributed throughout a building via the HVAC will kill or injure thousands of innocent people in minutes – before anyone knows what is happening.

# Vulnerable Public Places

## INFRASTRUCTURE:

- Commercial Office Buildings
- Airports / Transit Stations
- Government Facilities
- CFATS
- Critical Command Centers
- Arenas / Stadiums
- Hospitals
- Data Centers
- Ports



## ENVIRONMENTS:

- In Duct / Buildings
- Underground Transit/Shops
- Subterranean Walking Paths
- Open Air Venues
- Places Of Gathering



# The Solution:

## Building Sentry One Next Generation Active Detection Platform

- NO False Positive or False Negative Alarms
  - Commercial and Critical Facility end users have an Extremely low tolerance to a false alarms
- SPEED of Detection
  - Detection is 1-3 seconds mitigates potential toxin spread
- LOW Cost of Ownership
  - A 15 minute external filter change every 6 – 24 months is the only maintenance for 4 years
- MAXIMUM Uptime
  - The BPSI CSA only requires a refurbishment after 48 months of 24/7/365 operation

# Validation

- FDNY, LAFD, SFFD:

- Grant BPSI a "Site Specific MEA Number" for New York City – March 2007

- DHS:

- SAFETY Act Full Designation – June 2008 & Renewed May, 2013 to 2018

- U.S. Secretary of Homeland Security – Gov. Tom Ridge:

- Joins BPSI as a Senior Strategic Advisor - June 2009-2011 (on an as required basis currently)

- Patents:

- Sentry One Systems receive Patent Protection - 2009 & 2010

- Proven technology:

- Sentry One detectors - surpass 2,500,000 instrument run operating hours with 0 false alarms

- Products:

- BPSI has 4 detection system solutions on the market – Today. 1 in high level development and due for market release in Q-2/2026



# Real-time Information



- Instantaneous and Real-Time Sensor Values
  - Bar Graph for easy visual interpretation
  - Radiation in counts per second (cps) for easy quantification
  - Adjustable Trigger levels
- Maintenance Status for sensors and required peripherals
- Immediate Alarm Data transfer based on end user requirements



## U.S. Department of Homeland Security

# SAFETY Act:



- BPSI's Sentry One family of products receives SAFETY Act Designation
- Two year + vetting process by the U.S. Department of Homeland Security
- Designated as a Qualified Anti-Terrorism Technology (QATT) after passing this rigorous review, testing and validation process



# Recognize the Risk & Vulnerability and Take Action by Contacting Us Today!!



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