

## Threat Vulnerability Assessment & Response (TVAR)

An important step in establishing an effective safety and security management/response system is a detailed assessment of your community's vulnerabilities. The SentryPoints software allows your city to perform an effective threat and vulnerability assessment of your infrastructure. The software provides the ability to assess potential threats, review site specific vulnerability and determine possible mitigation steps.

### Summary of Key TVAR Functions:

- **Situational Awareness** Develop a comprehensive ranking of the risk faced by your community, categorizing areas of high risk as well as lower level risks. The objective methodology provides a comparison of all key facilities as well as a detailed report for each individual structure.

[State University](#) [Summary](#) [Information](#) [Threat Manager](#) [Checklist Manager](#) [Mitigation Manager](#)

Portfolio Summary						
Name	Tier	Date	Value *	Threat *	Vuln. =	Risk
<a href="#">Auditorium</a>	0	Sep 5 06	4.4	5.0	2.3	50.60
<a href="#">Field Sports Building</a>	1	Aug 23 06	2.7	3.1	3.0	25.11
<a href="#">Football Stadium</a>	0	Sep 6 06	3.2	2.5	1.0	8.00
<a href="#">Grounds Building (North)</a>	0	Sep 6 06	3.3	2.5	1.0	8.25
<a href="#">Grounds Building (South)</a>	1	Jan 15 06	3.1	2.5	2.4	18.60
<a href="#">Health and Physical Activity Building</a>	2	Jan 15 06	3.3	2.5	2.1	17.32
<a href="#">Heat Plant</a>	0	Sep 6 06	3.9	2.5	2.3	22.42
<a href="#">Intramural Fields</a>	2	Jan 15 06	3.9	2.5	3.5	34.12
<a href="#">State Gymnasium</a>	0	Sep 6 06	3.6	2.5	1.0	9.00
<a href="#">Aquatic Center</a>	0	Sep 6 06	3.1	3.4	2.9	30.57
<a href="#">Parking Services</a>	2	Sep 5 06	3.6	3.1	1.0	11.16
<a href="#">Parking Garage, Emens</a>	0	Jan 15 06	3.3	2.5	2.7	22.27
<a href="#">Parking Garage, McKinley Avenue</a>	2	Jan 15 06	2.3	2.5	3.2	18.40
<a href="#">Parking Garage, Student Center</a>	2	Sep 5 06	3.2	2.5	1.0	8.00

- **Consistent Review** The intuitive nature of the questions allows facility managers to conduct a complete assessment of their own site with very little training. Federally published guidance increases the consistency of answers across the jurisdiction.

[Auditorium](#) [Site Info](#) [Value](#) [Threat](#) [Vulnerability](#) [Response](#)

Overall Vulnerability Score: **2.3** Number of Questions: 273 Number Answered: 12

[Site](#)

- [Architectural](#)
- [Structural Systems](#)
- [Building Envelope](#)
- [Utility Systems](#)
- [Mechanical Systems](#)
- [Plumbing/Gas Systems](#)
- [Electrical Systems](#)
- [Fire Alarm Systems](#)
- [Communications/IT Systems](#)
- [Equipment Operations](#)
- [Security Systems](#)
- [Security Master Plan](#)

### Fire Alarm Systems

[9.1.a](#) [9.1.b](#) [9.1.c](#) [9.2.a](#) [9.3.a](#) [9.4](#) [9.5](#)

**Question 9.1.a**

The facility fire alarm system monitoring is centralized and localized.

Strongly Agree (1)  
 Agree (2)  
 Neutral (3)  
 Disagree (4)  
 Strongly Disagree (5)

**Guidance**

Fire alarm systems must first warn building occupants to evacuate for life safety. Then they must inform the responding agency to roll fire equipment and personnel. Reference: Physical Security Assessment for Department of Veterans Affairs Facilities

- **Easy Modification** Allows your personnel to conduct and easily manage your community's assessment of the potential threats to your city. Modifications are easily made for additions to your city infrastructure or as threats change. In addition, adjustments to your assessment can be made to accommodate major events.

Auditorium [Site Info](#) [Value](#) [Threat](#) [Vulnerability](#) [Response](#)

**Threat Score: 5.0 Highest Threat: Agriterrorism**

Threat	Access to Agent	Knowledge & Expertise	History of Threats	Site Visibility	Site Accessibility	Site Population or Capacity	Perceived Site Vulnerability	Score	Primary Threat
<a href="#">Agriterrorism</a>	5	5	5	5	5	5	5	5.0	Yes
<a href="#">Armed Attack</a>	5	4	3	3	2	2	3	3.1	No
<a href="#">Arson/Incendiary Attack</a>	3	5	4	5	3	2	3	3.6	Yes
<a href="#">Biological Agent</a>	1	2	3	2	3	2	3	2.3	No
<a href="#">Chemical Agent</a>	2	3	4	4	4	5	4	3.7	Yes

- **NIMS Compliance** Adapted from various governmental sources and modified to meet the mission of DHS. This tool facilitates your mandated NIMS compliance efforts by easily creating documentation and reports required to receive Homeland Security funds.

Plans

**Chemical Spill**

[IAP](#)

[Period 1](#)

[Period 2](#)

**Incident Action Plan** [Chemical Spill](#)

Incident Name:

Clean Chemical Spill

Overall Objectives:

Comments for Chemical Spill

Comments:

Prepared By:  On:  at

Approved By:  On:  at

**Organization Assignment List**

**Period 1**

**Details**

**Org Assignment List**

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**Incident Commander and Staff**

Federal Primary:

State Primary:

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**Planning Section**

Chief:

Deputy:

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**Logistics Section**

Chief:

Deputy:

- **Risk Mitigation** Present effective solutions to mitigate terrorist attacks against high risk targets. This will serve as possible solutions to prevent and/or successfully withstand a terrorist attack. This allows you to wisely allocate scarce resources to the highest risk targets.

**Basketball Gymnasium**

[Site Info](#)

[Value](#)

[Threat](#)

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[Mitigation](#)

**Site**

**1.3 In dense, urban areas, curb lane parking places uncontrolled parked vehicles unacceptably close to a facility in public rights-of-way.**

Option: Where distance from the building to the nearest curb provides insufficient setback, restrict parking in the curb lane. For typical city streets this may require negotiating to close the curb lane. Setback is common terminology for the distance between a building and its associated roadway or parking. It is analogous to standoff between a vehicle bomb and the building. The benefit per foot of increased standoff between a potential vehicle bomb and a building is very high when close to a building and decreases rapidly as the distance increases. Note that the July 1, 1994 Americans with Disabilities Act Standards for Accessible Design states that required handicapped parking shall be located on the shortest, accessible route of travel from adjacent parking to an accessible entrance. Reference: GSA PBS-P100

Notes: Vehicles are able to pull right up to the door when dropping off visitors to the facility.

**Structural Systems**

**3.10 The loading dock design limits damage to adjacent areas and vents explosive force to the exterior of the building.**

Option: Design the floor of the loading dock for blast resistance if the area below is occupied or contains critical utilities.

Notes: The door between the loading dock and the commissary staging area is usually open and is not blast resistant.

**Utility Systems**

**5.1.b There is a secure alternate drinking water supply.**