

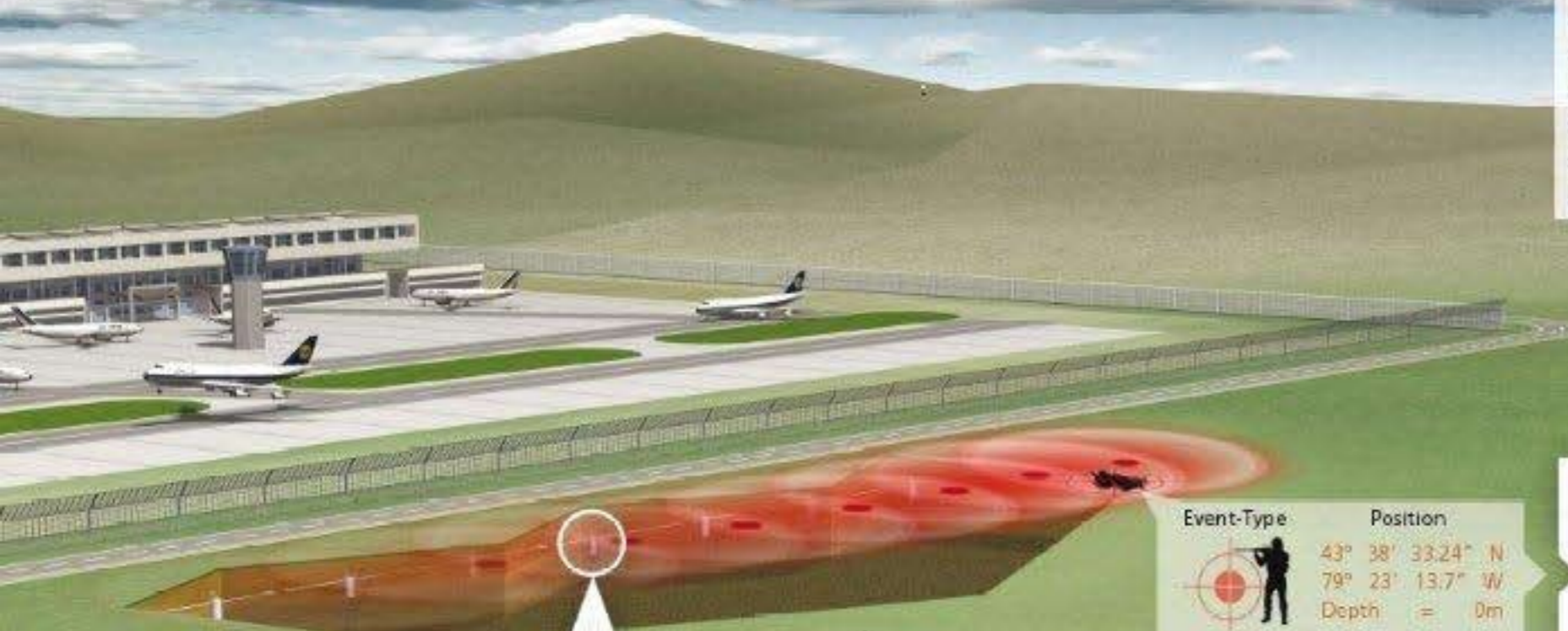
Beyond eyesight There are other ways to see


Tarantula

Total Virtual Fence Perimeter Security for Airports

Virtual Fence Application

- » Novel 3D Sensor
- » Surface and Underground Detection
- » Enhanced localizing of events
- » Target Classification
- » Low FAR
- » Weatherproof
- » Deception Proof - Passive System
- » Active Buffer Zone
- » Local Processing - Bottle neck Free



Event-Type	Position
	43° 38' 33.24" N
	79° 23' 13.7" W
	Depth = 0m

POINT OF DETECTION

Tarantula sends the position and type of each event to the Control Room for real-time response

SPIDERTECH SENSOR - STS

Smart 3D Seismic Sensor

Underground Deployment

Depth: -50cm min

Dimensions

Height: 140mm

Diameter: 105mm

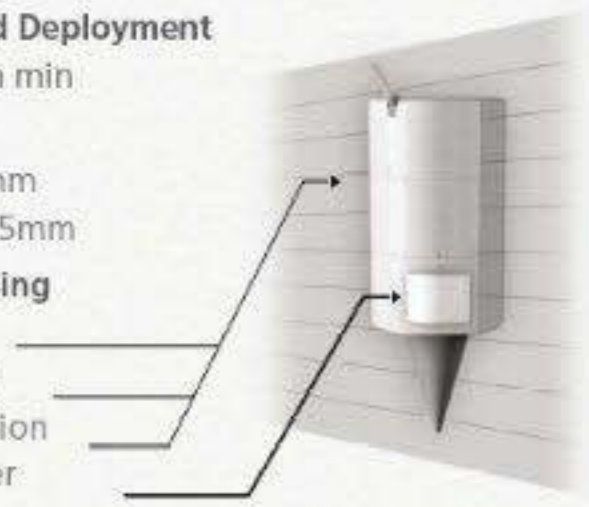
Local Processing

Detection

Classification

Target Direction

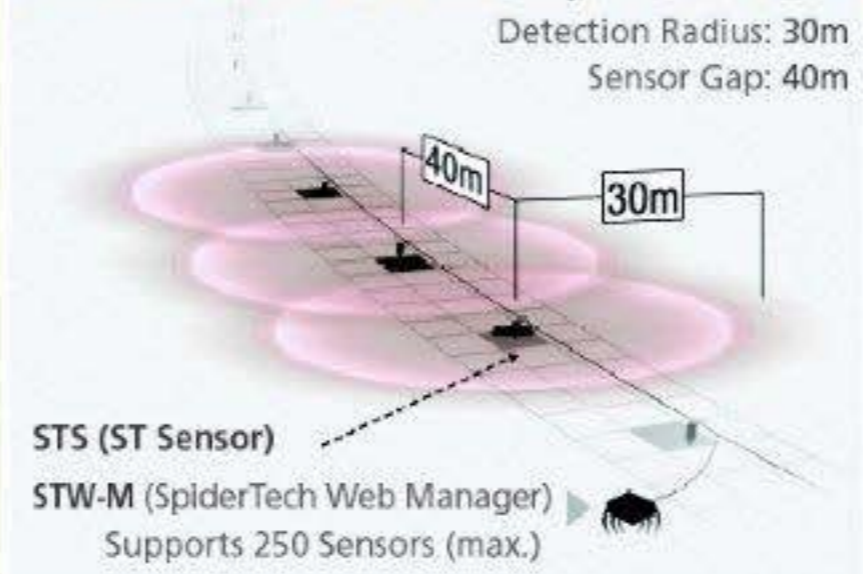
3D Transducer



SENSOR ARRAY - STW (SpiderTech Web)

Detection Radius: 30m

Sensor Gap: 40m



STS (ST Sensor)

STW-M (SpiderTech Web Manager)

Supports 250 Sensors (max.)

SYSTEM ARCHITECTURE

