


# AUTOMATIC ANTI-DRONE SECURITY

An airspace security platform that  
detects, classifies, and mitigates  
all drone threats.

A yellow diamond-shaped icon with a red arrow pointing upwards, connected to a yellow wavy line that represents a drone's flight path.

DJI PHANTOM 4  
N 33° 27' 10", W 111° 58' 13"  
SPEED: 39 MPH

# BE PREPARED FOR AERIAL THREATS

“Drones have given people the ability to go places where they have never been before and at times, circumnavigate traditional physical and cyber security installations.”

JOHN CHAMBERS, EXECUTIVE CHAIRMAN OF CISCO  
AND DEDRONE INVESTOR

**Drone crash cuts power to  
1,600 PG&E customers in  
Mountain View**

SILICONBEAT  
JUNE 9, 2017

**Drone crash during Padres  
game has MLB security  
monitoring situation**

USA TODAY SPORTS  
MAY 24, 2017

**Vatican terror alert: Drones  
feared to be loaded with ISIS  
bombs fly over Pope's city**

EXPRESS UK  
AUG 29, 2017

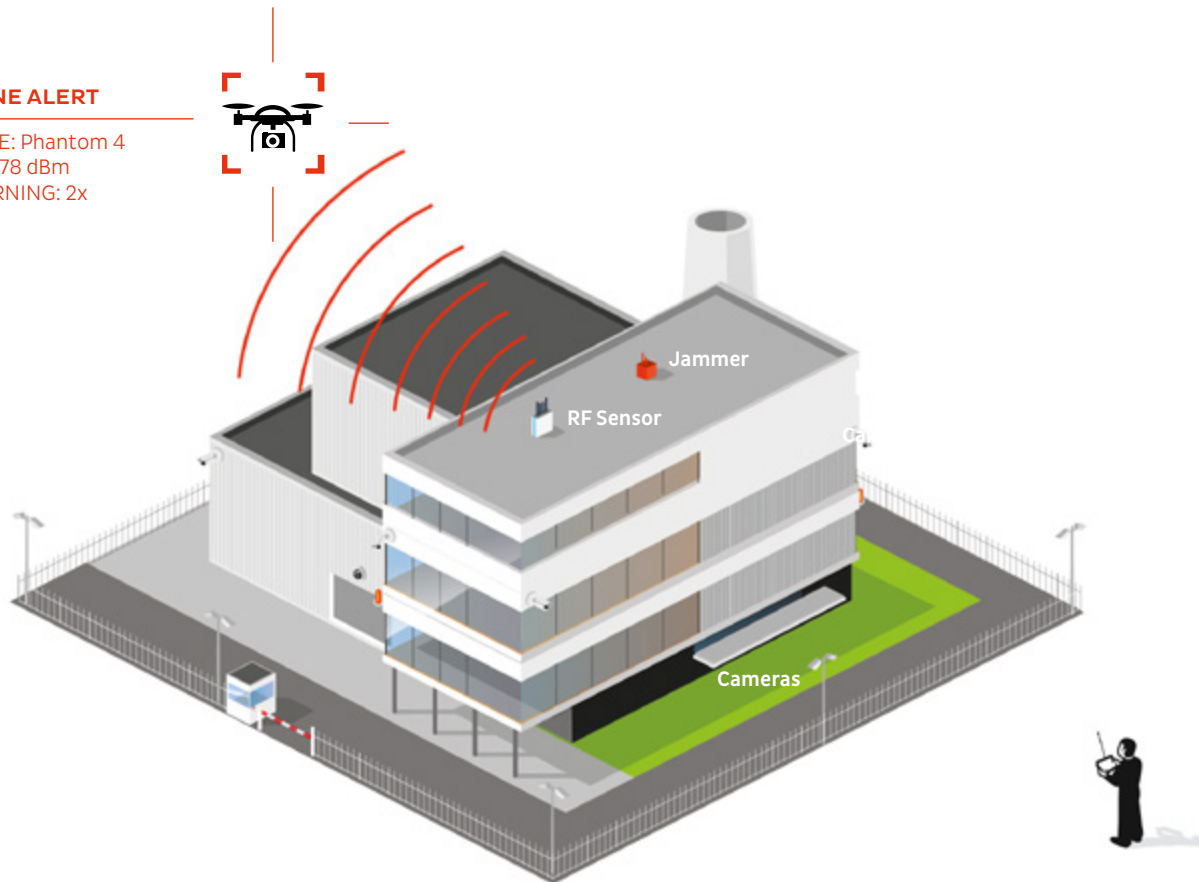
Learn more about aerial threats and incidents: [www.dedrone.com/blog](http://www.dedrone.com/blog)



# What can you do about drone threats?

## DRONE ALERT

DRONE: Phantom 4  
RSSI: -78 dBm  
RETURNING: 2x



## Dedrone's Airspace Security Platform

DroneTracker is designed to detect and classify drone-based threats. The unique, software-centric platform identifies approaching drones by means of radio frequency, visual, acoustic, and other sensor data. DroneTracker's correlation

and analysis of this information reliably classifies approaching drones, and triggers alarms to alert security staff. Third-party devices, such as surveillance cameras, radar, jammers or other countermeasures, can be integrated.



## Multiple Threats to Un-Monitored Airspace

- ! Espionage
- ! Terrorist activities
- ! Smuggling
- ! Hacking
- ! Unauthorized surveillance
- ! Vandalism

## Vulnerabilities in Physical and Cyber Security Infrastructure

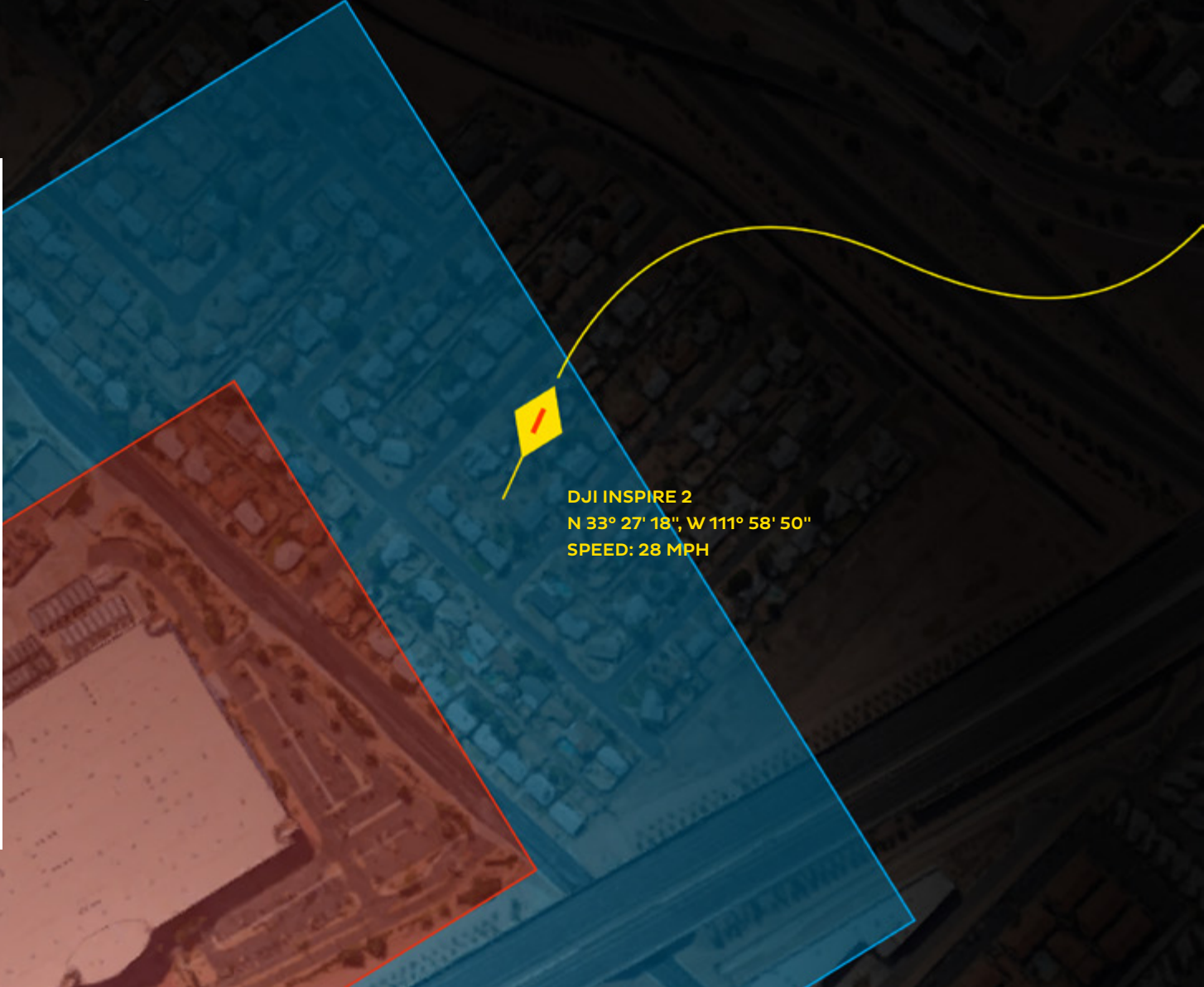
- ✓ Utilities
- ✓ Stadiums & Arenas
- ✓ Government & Defense
- ✓ Airports
- ✓ Prisons
- ✓ Data Centers & Corporations
- ✓ Public Events



# A SOLUTION FOR DRONE DETECTION, CLASSIFICATION, AND MITIGATION

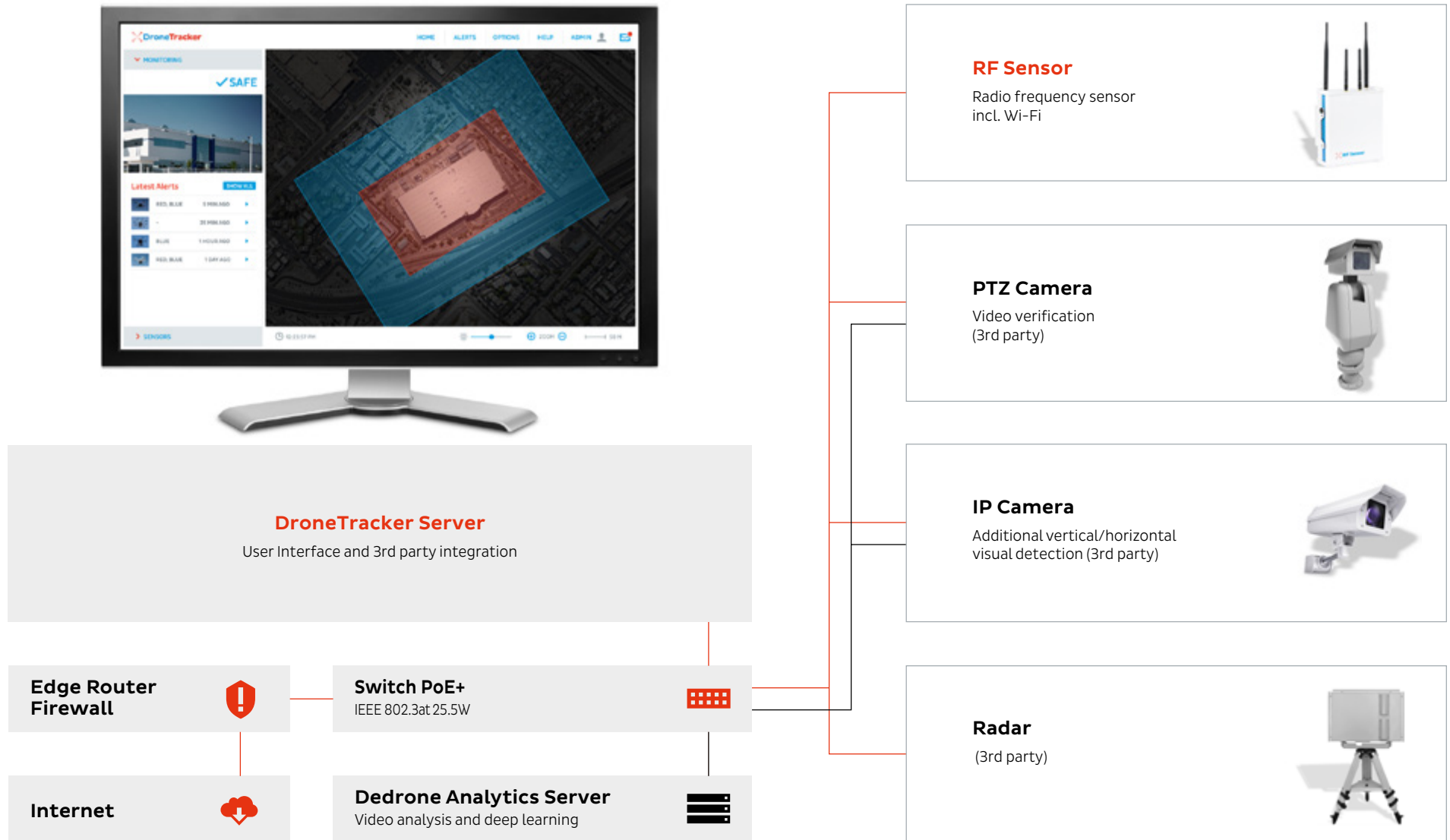
## BENEFITS

- ✓ Open Platform for Multiple Sensors
- ✓ Wide Area Detection and Early Warning
- ✓ Automated Alarms, Notifications, Reporting
- ✓ Continually Updated Drone Database
- ✓ Automated Push to 3rd Party APIs
- ✓ Scalable and Customizable for Any Site
- ✓ Locally Stored Forensic Evidence



DJI INSPIRE 2  
N 33° 27' 18", W 111° 58' 50"  
SPEED: 28 MPH

# Extensible Platform Architecture



A person in a white protective suit is operating a large, multi-rod antenna array in a snowy environment. Another person in a dark jacket is visible in the foreground, looking towards the antenna. The background shows a snowy building and trees.

# INTEGRATE COUNTERMEASURES TO MITIGATE DRONE THREATS

## ALERT SECURITY

- Integrate into BMS
- Sound alarm, send alerts, page guards

## ACTIVE MEASURES

- Jam radio connection, jam/spoof GPS
- Take physical anti-drone measures

## PASSIVE MEASURES

- Lead people to safety
- Block view, lower window blinds
- Lock doors and gates
- Search site for dropped objects and pilot



# Customer Success Stories

Read more on [www.dedrone.com/customers](http://www.dedrone.com/customers)



## ANTI-DRONE TECHNOLOGY INSTALLED TO PROTECT WORLD LEADERS

Case	47 <sup>th</sup> Annual Meeting WEF
Country	Davos, Switzerland
Deployment	January 2017
Threat	Espionage, Attacks

“The early detection of drones and possible drones threats is an important component of our security infrastructure. Dedrone offers a mobile solution that is tailored to our needs.”

Markus Eggenberger,  
Kantons Polizei Graubünden



## DEDRONE PROTECTS AUTOMOBILE PROTOTYPES FROM ESPIONAGE

Case	Volke – Automobile Design
Country	Wolfsburg, Germany
Deployment	December 2016
Threat	Corporate Espionage

“Dedrone’s cost-efficient and effective drone detection software platform enables us to protect our newest automobile prototypes from industrial espionage and snooping photographers.”

Guido Naujoks,  
Volke



## DRONETRACKER SURVEYS THE AIRSPACE ABOVE SUFFOLK COUNTY PRISON

Case	Suffolk County Prison
Country	Suffolk County NY, USA
Deployment	September 2016
Threat	Smuggling

“Thanks to the DroneTracker, our airspace is now protected 24/7, and no drone will cross our perimeter unnoticed.”

Michael J. Franchi,  
Warden



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COMPANIES OF ALL SIZES TRUST DEDRONE TO KEEP THEIR AIRSPACE SAFE



**VOLKE**



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