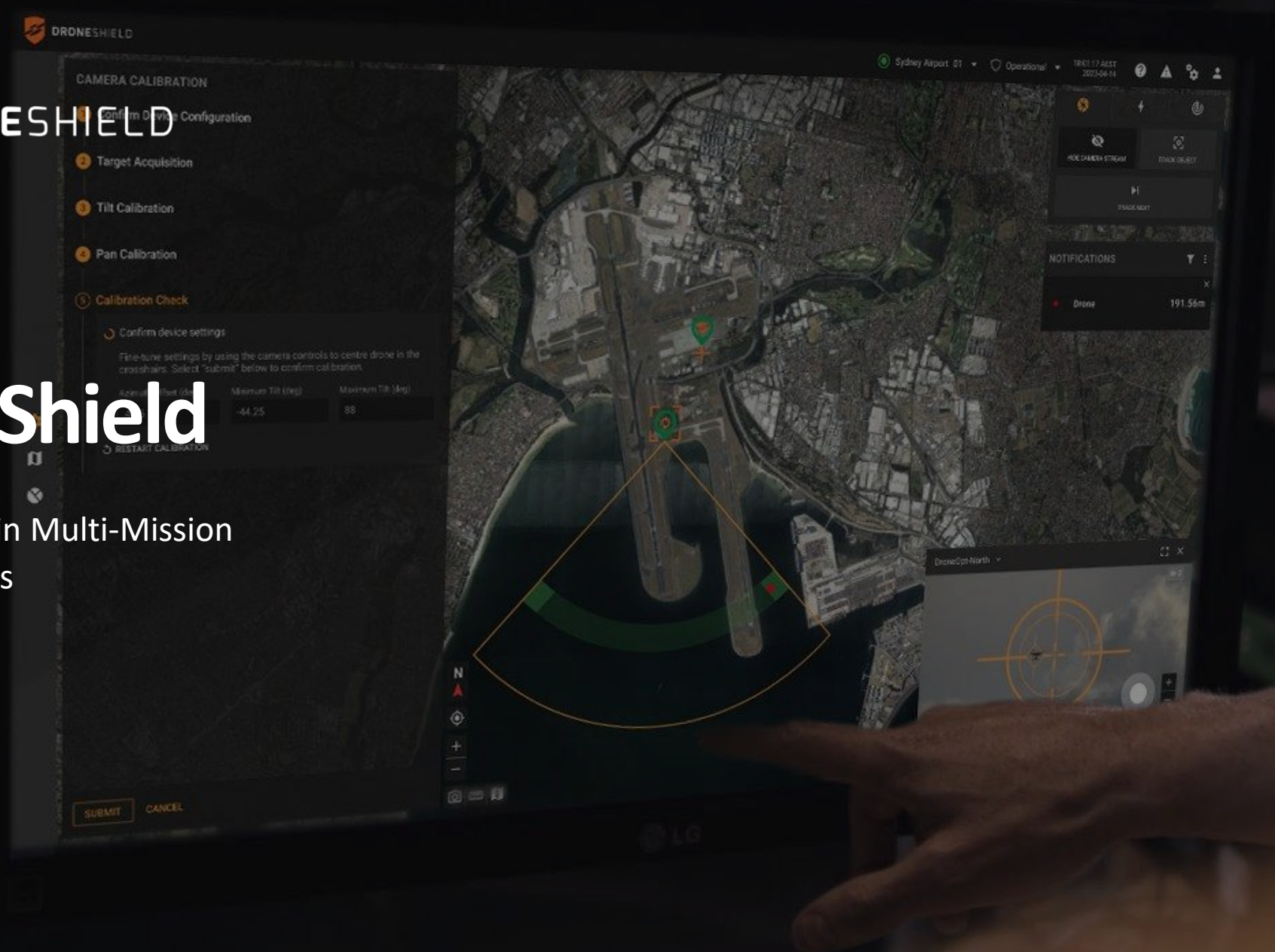




DRONESHIELD

# DroneShield

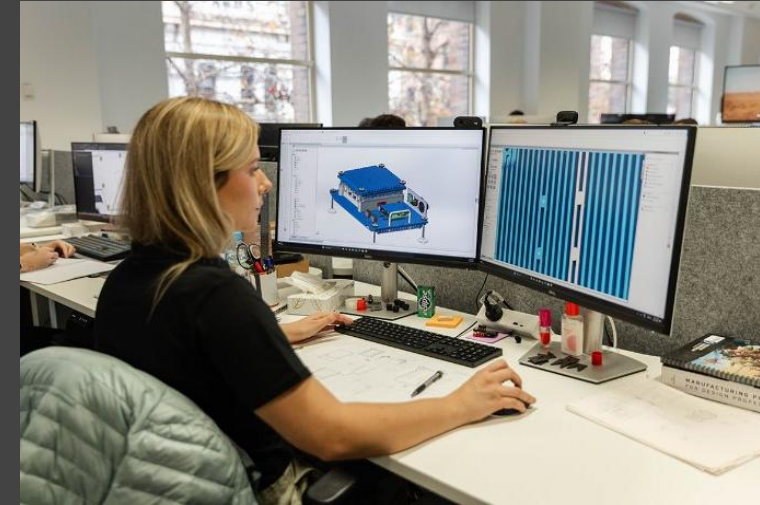
Global Leader in Multi-Mission  
C-UAS solutions





# DroneShield Introduction

- **Ownership:** Proudly Australian-owned with global operations
- **Sydney Global HQ:** 350+ employees (270+ engineers)
- **Key Locations:** Design, Production, Warehousing, and Testing in NSW and SA
- **Defence-Standard:** MIL-SPEC design, engineering, project management, and manufacturing capacity. Security cleared staff
- **Scale:** World's largest dedicated C-UAS development team
- **Mature:** Deployed globally at scale, including U.S. DoD, Armed Forces of Ukraine, UK MoD, French Army, and NATO
- **100% Focus on C-UAS:** Cost-effective, interoperable, and scalable solutions



# Defence DNA

- ISO 9001:2015 Accredited
- DISP Physical & Cyber – EL, transitioning to Level 2
  - (Zone 2 & 4 build and accreditation in progress)
- DISP Governance & Personnel – Level 2
  - (Baseline, NV1 and NV2 cleared staff)
- Commercial & Engineering staff with ASDEFCON experience
- ACMA exemption to R&D and manufacture high power RF emitters (disruptors) on-site
- Dedicated test facility with ACMA clearance to operate radars
- Successful completion of multiple domestic and foreign Defence prime contracts
- Multiple ongoing Defence contracts both as prime and subcontractor
- Products certified to MIL Standards (MIL-810G/H)



Defence Industry  
Security Program



## Customer Profiles



## Team Experience



# Trusted Collaborator

- Meaningful development requires deep trust and a team mindset
- Our partners include Thales, Mellori, British Telecom, SAIC and UTS

The logo for Thales, featuring the word "THALES" in a bold, blue, sans-serif font. A small blue dot is positioned above the letter "A".

Active Supplier to Thales Global Supply Chain



Active collaborative R&D relationship providing capability direct to Defence



Sole supplier of British Telecom's Counter UAS capability



UTS R&D contract partner and employing via UTS CareerHub



In a number of active bids to US DoD, with DRO as sole supplier of SAIC's RF detection and mitigation C-UAS technologies



# Australian C-UAS

## Delivering Capability, On Time, On Budget

- ✓ Multiple substantial, urgent deliveries to Ukraine and U.S. end users
- ✓ Deep experience meeting **ADF requirements** by delivering on multiple contracts (SEA 5011, JP 9380, LAND 1508)
- ✓ Experience delivering infrastructure across military and critical infrastructure sites



## Australian Sovereign Supply

- 🇦🇺 Significant stock held in Australia, ready for rapid deployment with continuous supply chain assessment
- ⚙️ Successfully delivering utilising Australian supply chain partners. Eg. RfPatrol Mk2 – **85% Australian Industry Content**
- 🏠 Decisions **made in Australia**, by Australians

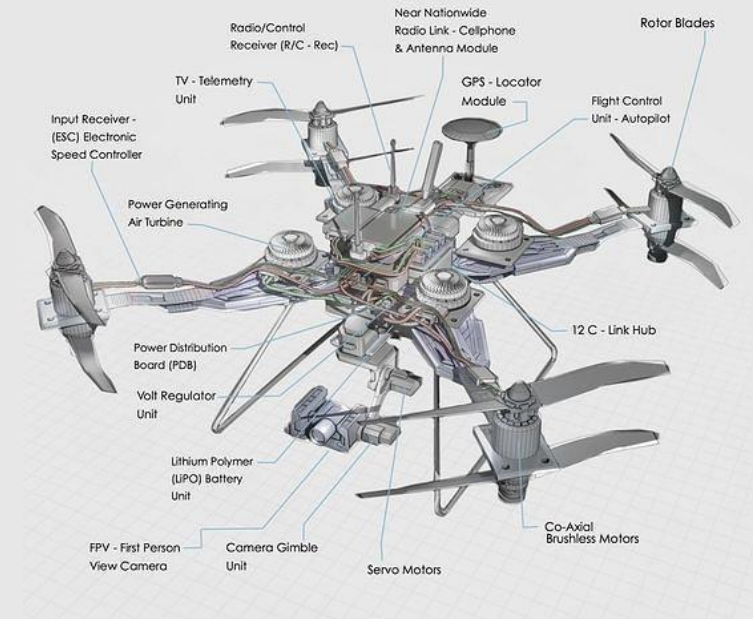
## Asymmetric Advantage

- 📉💰 **Multi-mission** solutions providing value for money
- 🔗 **Global leader**, existing suite of products with agility to integrate additional solutions
- 🧩 Scalable and **modular technology** approach. Single point of contact for C-UAS needs

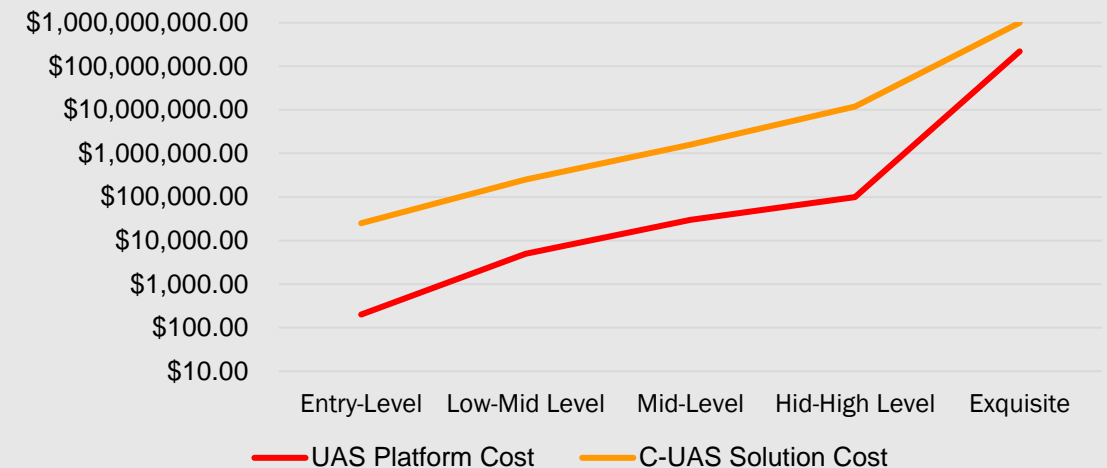
# Threat: UAV Platform

## Drone Anatomy

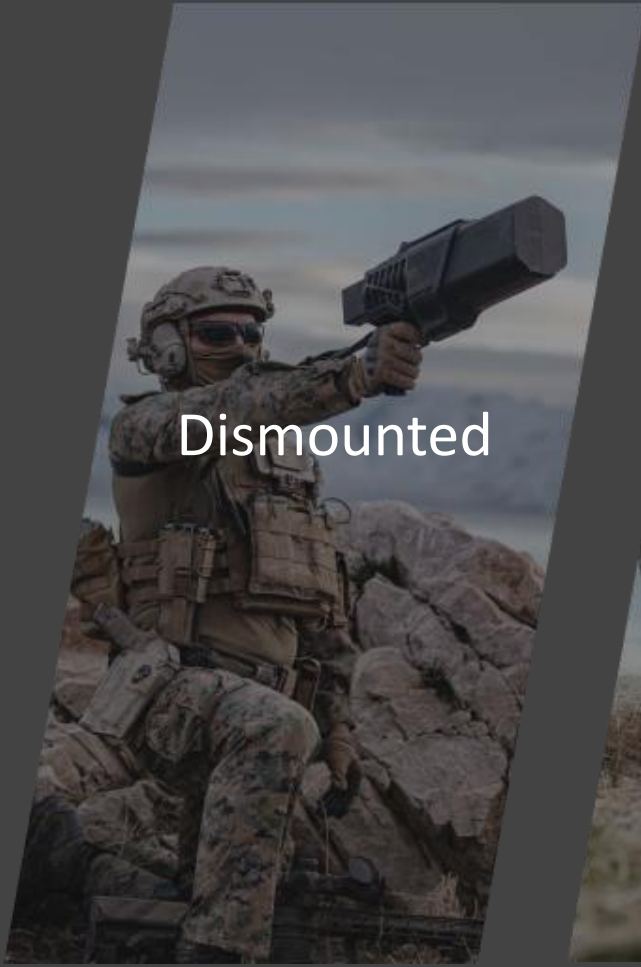
- **Evolving Threat** – Rapid technology change driven by consumer and commercial sectors
- **Dynamic Threat** – Offers multiple threat vectors
- **Asymmetric Threat** – Cost to mitigate is greater than 10x the UAV platform
- **Multi-Domain Threat** – Effects various security and Defence domains



C-UAS Cost & Capability Curve  
(Base 10 Log Scale)



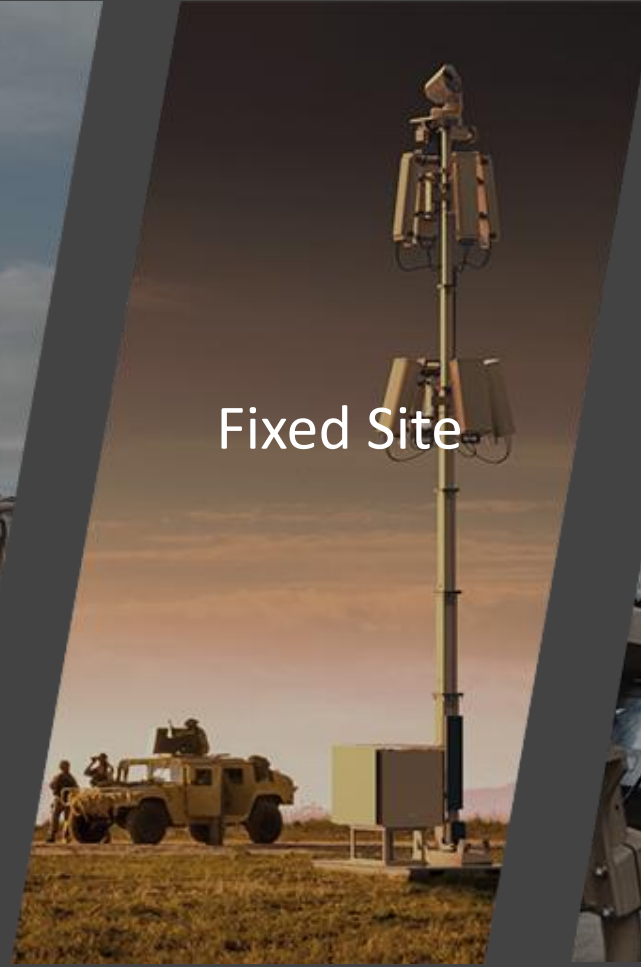
# AI-Powered Counter-UAS Solutions



Dismounted



On-The-Move



Fixed Site



Command-and-  
Control Software



# RfPatrol Mk2 Wide Band

## Advanced Multi-Mission Detection

Highly versatile, completely passive / non-emitting wearable UAS detection device with the latest FPGA and software-defined radio technology.

400MHz - 2.5GHz, 4.8 - 6GHz



**Situational Awareness:** Intuitive operations for no distractions or complex operation



**Tailored Alerts:** Custom detection modes for active alerts or silent mode



**Robust Design:** Built to withstand harsh environments



**Interoperable:** Easily integrates into existing systems and technology





# DroneGun Mk4A

## Portable Handheld Countermeasure

Rugged, handheld C-UAS effector for compact, rapid response countermeasure capability. It can disrupt the control, navigation, and video of multiple drones simultaneously.

915MHz, 1.2GHz, 2.4GHz, 5.2GHz, 5.8GHz, GNSS



**Highly effective** against a wide range of UAS types and models



**Intuitive Controls:** Easy to operate, with familiar form factor



**Lightweight:** Ultra-portable at 3.2kg



**Enhanced Power:** Long-lasting NATO-standard battery



# DroneGun Tactical

## Portable Handheld Countermeasure

Rugged, handheld C-UAS effector for compact, rapid response countermeasure capability. It can disrupt the control, navigation, and video of multiple drones simultaneously.

433MHz, 915MHz, 2.4GHz, 5.8GHz, GNSS



**Highly effective** Increased range of 2km



**Intuitive Controls:** Easy to operate, with familiar form factor



**Rifle Style Design:** Portable at 7.2kg



**Enhanced Power:** Long-lasting NATO-standard battery





# DroneSentry-X Mk2

## Wide-Area Multi-Mission Detection and Defeat

Highly adaptable software-defined detection and adaptive disruption system.

433MHz, 868MHz, 915MHz, 1.2GHz, 2.4GHz, 5.2GHz, 5.8GHz, GNSS



**All-in-One:** Detection *and* defeat in one package



**Easy-to-Use:** Auto-disruption capabilities



**Adaptable Deployment:** On-the-move, field expedient pop-ups, and fixed-site protection



**Controlled Disruption:** Targeted, non-kinetic digital disruption





# DroneSentry

## Entry-Level Autonomous Integrated Detection and Countermeasure

A modular offering that integrates optical, radar, and RF sensors, edge computing systems, and software for a robust detection and countermeasure solution.



**All-in-One:** Detection *and* defeat in one package



**Cost-Effective:** Rapidly deployable solution with all the essentials for immediate operation



**Real-time Situational Awareness:** Combines situational data to deliver highly accurate information for automatic identification and response to UxS intrusions or threats





# DroneSentry-Mid Range

## Enterprise Autonomous Integrated Detection and Countermeasure

A modular offering integrating EO/IR, RF, and radar sensors, edge computing systems, and software for a robust detection and countermeasure solution.



**All-in-One:** Detection *and* defeat in one package



**Modularity:** Leverages radars, RF and optical/thermal cameras for fixed site or semi-permanent operations



**Real-time Situational Awareness:**  
Combines situational data to deliver highly accurate information for automatic identification and response to UxS intrusions or threats





# DroneSentry-Long Range

## Elite Autonomous Integrated Detection and Countermeasure

A modular offering integrating EO/IR, RF, and radar sensors, edge computing systems, and software for a robust detection and countermeasure solution.



**All-in-One:** Detection *and* defeat in one package



**Complete Solution:** Leverages the most premium offerings to create a single point of contact for all C-UxS needs



**Real-time Situational Awareness:**  
Combines situational data to deliver highly accurate information for automatic identification and response to UxS intrusions or threats





# C2Tactical

## Highly Rugged Command-and-Control (C2) Solution

On-the-edge version of DroneShield's main Command-and-Control solution, DroneSentry-C2.



### **Real-time Situational Awareness:**

Displays live UAS activity and single point of contact for visual information



**Mission-Critical Information:** Immediate evidence collection and threat analysis



**Interoperable:** Seamlessly integrates into existing systems and technology



**Rugged:** Built to suit a wide range of demanding environments



# Ukraine Experience

## A continuously evolving battle space

- Over 1000 units of different types provided
- Highly effective with software updates provided regularly
- Russian sanctions against DroneShield personnel
- Full scale war results in rapid evolution of capabilities and counter-capabilities
- Hardware refreshes are required, but minimised with forward-looking design.
- No single system is perfect for all threats
- A layered approach



# DroneSentry

## DroneSentry Government Deployments

### DroneSentry Government Deployments

- Poland, Refineries x3 (pictured)
- USA, Critical Infrastructure
- UK, Critical Infrastructure
- Mexico, Cartel protection
- Indonesia, Military bases protection

### DroneSentry Airports Deployments

- Frankfurt Airport, Germany
- Zurich Airport, Switzerland
- Sydney Airport, Australia





# Customer References

# Australia



Australian Government



Australian Government

Australian Secret Intelligence Service



Australian Police





# Asia-Pacific

## 9 Major Governments



Indonesian Air Force



Indonesian Navy



Indonesian  
Department of Justice



Royal Thai Army



Malaysia Government



Korean Military



Korean Blue House  
(equiv. White House)



Korean National  
Police



Singapore Ministry of  
Home Affairs



Japan MOD



Tokyo  
Metropolitan Police



Vietnam Government



# Europe

## 13 Major Governments



Ukrainian Government



Belgium Police



French Army



French Government



Greek Military



Kosovo Government



Poland Govt Agency  
(Critical Infrastructure)



Polish Ukrainian  
Chamber of Commerce



Azerbaijan MOD



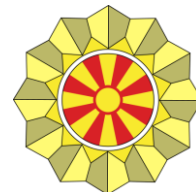
Slovakia Military



Serbia Military



Serbia Government



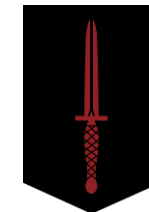
North Macedonia  
Army



UK Special Forces



UK Government



Dutch KCT



Royal Netherlands  
Army

# Middle East and Africa

## 4 Major Governments



Saudi MOD



Saudi MOI



Qatar MOD



Burkina Faso



South Africa Airforce



Saudi Telecom

# Latin America

## 4 Major Governments



Brazil Army



Brazil Federal Police



Brazil Special Forces



Paraguay Military



Chile Police



Chile Government



Ecuador Government



Mexico Government



# United States of America



US Government



Department of Defense



# Vertical Markets/ References



# Protecting Major Events





# Airports



Texas, USA



Switzerland



Germany



# Thank You

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