INTERPOL DRONE ACTIVITIES AND RESULTS AND NEW AREAS OF CONCERN
DRONES ARE THE NEW THREAT TO GROUND OPERATIONS BY POLICE OR ARMED FORCES
AIRPORTS AND PLANES TAKING OFF AND LANDING ARE ALSO UNDER THREAT FROM DRONES
TOOL
- Usage by Law Enforcement
- Implications
- Challenges and Limitations

Definition: Use of drones by Law Enforcement and associated guidance

THREAT
- Countermeasures
- Detect and Identify
- Drone Incident Handling

Definition: Utilizing systems and intelligence to counteract the threat from drones.

EVIDENCE
- Forensic Recovery of Drone data
- SOPs and Guidelines
- Data Processing and Analysis

Definition: The recovery of data and identifiers from drones and associated equipment.

GLOBAL OPERATIONAL PROCEDURE AND GUIDELINES
Collaborative work between Innovation Centre and Counter Terrorism Unit that produced a review of the threat from drones within South East Asia.

- **2017**
  - 28th – 30th August
  - 2nd INTERPOL Drone Expert Group, Singapore with 95 participants from 35 countries

- **2018**
  - 5th – 16th November
  - INTERPOL Drone Forensics Exercise, USA. The 14-day event was attended by nine member countries where the INTERPOL Drone Framework was created. The framework covered:
    - Introduction to drone threats
    - First responder SOP
    - Detailed overview of forensic process

- **2019**
  - 3rd – 4th July
  - 3rd INTERPOL Drone Expert Group, Singapore (Part of INTERPOL World)

- **2020**
  - INTERPOL became a partner in Project Courageous, an EU funded project exploring the assessment, selection and testing of drone countermeasures for law enforcement.
  - 28th – 30th September
  - INTERPOL and the Norwegian Police, co-host the 1st INTERPOL Drone Countermeasure Testing exercise that will take place in Oslo, Norway.
  - Collaborative work between Innovation Centre and Counter Terrorism Unit that produced a review of the threat from drones within South East Asia.

- **2021**
  - Continuation of EU Project Courageous
  - 4th INTERPOL Drone Expert Group
  - Publication of the CUAS Report from the Oslo Airport Exercise

- **2022**
  - ENLETS/INTERPOL DRONE FRAMEWORK
INTERPOL FRAMEWORK FOR RESPONDING TO A DRONE INCIDENT for FIRST RESPONDERS AND DIGITAL FORENSICS PRACTITIONERS

- Published May 2020
- INTERPOL And 10 member countries collaborated to develop technical and best practice documents
- Published in English, Spanish, French and Arabic

Since publication, many member countries/regions have used the framework to guide and develop response frameworks to drone incidents
INTERPOL Initiative to Counter the Threat posed by Illicit Use of Unmanned Ariel Systems (UAS) 2021 – South-East Asia Report

- Published March 2021
- INTERPOL Counter Terrorism Unit supported by Innovation Centre engaged with member countries in the South-East Asian Region to understand the threat they face from drones
- Funded by FBI WMD Unit
THERE IS NO SILVER BULLET TO SOLVE THE CHALLENGE OF DRONES FOR ALL
The Future?

Drone Swarms

Autonomous Drones

5G

Innovation

Legislation

Homebrew Drones
UAMANDED TRAFFIC MANAGEMENT
AUTONOMOUS VEHICLES

- The road to autonomy will create new threats
- A connected car could become a mobile bomb
  - Adjust the charging parameters for the battery
  - Battery over charges and explodes
- Increase in zero days, vulnerabilities in cars which enable open access and manipulation of vehicle data and user experience

INTERPOL has been actively discussing this with the industry and law enforcement for over five years and will restart the car forensics working group this year
INTERPOL drone incursion exercise
28th – 30th September 2021
Exercise Statistics

- OVER 100 DRONE FLIGHTS
- OVER 2000 AIRCRAFT MOVEMENTS
- 27 cUAS Systems
- 17 Providers
- 120 Participants
- 16 Countries
The Drone Arena requires all entities to openly communicate and exchange information.

Drones are ever evolving and is constantly changing.

Complete the puzzle
Without All Pieces
Then the picture is not complete.
194 MEMBER COUNTRIES CONNECTED THROUGH A SECURE NETWORK