DRONE WARZ™

VILLAGE SPONSOR PACKET

DRONE AND ROBOTICS HACKING VILLAGE DEFCON 27

**AUGUST 8-10 2019
LAS VEGAS, NV**

ALL SKYZ BELONG TO US!

DRONEWARZ is one of the top hacking villages at DefCon, the world's most prestigious hacking conference. Sponsor this unique annual program and get a front row seat as imagination takes flight!

DRONEWARZ

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DRONEWARZ > VILLAGE DESCRIPTION

The **DRONEWARZ** drone hacking village allows participants to directly engage enterprise, military, commercial, and racing drones and robotics in various hacking challenges which are designed by professional drone hackers to gain proficiency or show off your skillz. Bring your bag or use our tool kits to interface with radio controllers, ground control systems, drones in flight or in custody, and other control systems used to operate UAVs and autonomous systems. The **DRONEWARZ** village includes unique challenges for unmanned controlled systems (drones) and autonomous systems such as robots in a safe and collaborative atmosphere.

DRONEWARZ > CHALLENGE AREAS

The **DRONEWARZ** Village creates a drone hacking arena with five (5) primary challenge areas each consisting of 3-4 objectives each to compete for awards and the coveted DefCon Black Badge.

- **PWN-a-DR0NE -** Drone Hacking Challenges - Our drone hacking challenges will be posted with commercial and non-commercial paired and operational and tethered drones in advance of the village. Find vulnerabilities and exploit them.

- **CONQUER the CONTROLLER** - Controller Hacking Challenges – Our controller hacking challenges will be posted for several commercially available drone controllers and varying levels of difficulty. Intercept ground control communications and paired drones in operation!

- **PAYLOADZ - REDSKYZ** - Program payloads on RaspberryPi and Arduino for anti-jamming, controller interception, defense evasion, defense deception, and other creative applications to dominate the skyz. Integrate your Payloads into Kali or the EC-Council STORM. This is our sandbox for offensive drone applications.

- **MISSIONZ - BLUESKYZ** - This is our defensive sandbox. These challenges allow you to engage in capture, interception, forensic discovery and threat modeling for drones captured during a mission. Teams that can capture an in mission drone and accurately determine the flight path, display surveillance

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images/FPV, and determine the drone's motives based on payload, model, pilot location, and prior missions take the prize.

⌗ **DRONE ZONE -** This is our sandbox area deemed the **DRONEWARZ** Drone Zone. Our Drone Zone allows innovators to invent and augment our concept drones, the Payloadz, or test and refine functionality associated with drone offensive and defensive tactics. We have soldering stations, hardware, spare parts, and a makerspace to make your imagination come to life.

DRONEWARZ > OBJECTIVES

Team DW designs challenges with various partners and sponsors. These range from defeating or deceiving drone defense systems to intercepting drones in flight. Nothing is out of bounds. A sponsor may have a named challenge depending on sponsorship levels and gamification of challenge objectives is what makes

DRONEWARZ > CONCEPTS

DRONEWARZ collaborates with industry professionals annually at DefCon to promote innovation for safe use and operations. At DefCon27, our **DRONEWARZ** team is seeking sponsors for innovative concepts to demo at DefCon. Here are the concepts we are perusing:

⌗ **Project SkyJacker** – our development of wireless assault drones continues – new platforms, new payloads, longer operation, and more control functions.
⌗ **The Hacked Hacker** – This is a robot that autonomously hacks wifi.
⌗ **Rapid Strikes** – a multi-band and multi-drone wireless assault scenario using a distributed Hak5 Pineapple cactus configuration.
⌗ **Right of Way** – Design for unmanned aircraft autonomously yielding to manned aircraft
⌗ **Spy in the Sky Game** – this drone game uses Raspberry Pi payloads to tag Bluetooth or wifi for spying on a target "hacker" and autonomously track and surveil your buddies.
⌗ **The Drone Seeker Game** – his game is for R00tz, CornCon, and other youth programs **DRONEWARZ** annually participates in.

DRONEWARZ > SAFETY

Our payloads enable offensive and defensive capabilities for fun in games settings and for testing purposes only. These payloads are not intended for real applications for recreational and fleet drone operators, law enforcement, military, or any other users of the National Airspace System. We always promote ethical use and responsible operation.

The following safety rules apply:

⌗ No jamming will be permitted unless in a controlled area for offensive testing.
⌗ All operational drones MUST be tethered or all props removed at all times unless in an authorized flight area. These authorized flight areas will provide perimeter protection and will be manned for pre-flight inspections.
⌗ For inexperienced pilots, drone simulators will be in the village as well as small testing drones to unleash in the authorized flight area.
⌗ What is learned in the **DRONEWARZ** Village is for good and good only. Pilots should not use **DRONEWARZ** discovered security flaws to cheat in sanctioned races or in any way on

commercial or enthusiast aircraft without the owner's express permission. Permission is granted and invitation extended for testing in the Drone Zone at the **DRONEWARZ** Village @ DefCon27.

⌨ Fun and friendship are our top values.

DRONEWARZ > SPONSORSHIP INFORMATION

DRONEWARZ is a grass-R00tz Program. Fund our programs by funding R00tz #DroneWarz for our youth programs or DroneWarz directly for Village sponsorship. **DRONEWARZ** offers several funding options to fit any budget.

1) Sponsor **DRONEWARZ** Programs
2) Sponsor a **DRONEWARZ** Challenge
3) Sponsor a **DRONEWARZ** Arena
4) Sponsor a **DRONEWARZ** Concept

DRONEWARZ PROGRAM SPONSORSHIP

CRYOSPHERE SPONSOR

$10,000

⌨ Arena Sponsorship (5 available)
⌨ Name and Logo on DroneWarz website,
⌨ Name and Logo displayed at the Event
⌨ Items included on swag table or party gift bag
⌨ Recognition in media, interviews, talks, and events
⌨ Name and Logo on (1) arena
⌨ (2) DefCon passes

CRYOSHPERE SPONSORSHIP - $10,000 in funding or products to test (drones/controllers/counter-measures) valued at more than $10,000

ATMOSPHERE SPONSOR

$20,000

⌨ Program Sponsor (5 Available)
⌨ Name and Logo on DroneWarz website,
⌨ Name and Logo displayed at the Event
⌨ Items included on swag table or party gift bag
⌨ Recognition in media, interviews, talks, and events
⌨ A Trophy with name on it or Prize given in sponsors name
⌨ Name and Logo on (multiple) challenges
⌨ (4) DefCon passes

ATMOSHERE SPONSORSHIP - $20,000 in funding or products to test (drones/controllers/counter-measures) valued at more than $20,000 and $2000 in funding.

$40,000

- Top Program Sponsor (1 available – 3 year commit requested)
- Name and Logo on DroneWarz website,
- Name and Logo displayed at the Event
- Items included on swag table or party gift bag
- Recognition in media, interviews, talks, and events
- A Trophy with name on it or Prize given in sponsors name
- Name and Logo on all Challenges
- Name and Logo on Arenas
- (6) DefCon Passes

STRATOSPHERE SPONSORSHIP - $40,000 in funding or products to test (drones/controllers/counter-measures) valued at more than $40,000 and $5000 in funding

DRONEWARZ CHALLENGE SPONSORSHIP – (4) Challenges

$2000

- Name and Logo on DroneWarz website,
- Name and Logo displayed at the Event
- Items included on swag table or party gift bag
- Name and logo on the Challenge in the Arena

CHALLENGE SPONSORSHIP - $2000 in funding or all materials to host the challenge.

DRONEWARZ CONCEPT SPONSORSHIP

$7500

- Name and Logo on DroneWarz website,
- Name and Logo displayed at the Event
- Items included on swag table or party gift bag
- Recognition in media, interviews, talks, and events
- Recognition in the Defcon demo area
- Name and logo featured on the Concept prototype or design

CONCEPT SPONSORSHIP - $7500 in funding or all budgeted concept expenses.

DRONEWARZ > WEBSITE

Heard enough? Ready to reach out and sponsor **DRONEWARZ? Contact us today!**

https://DRONEWARZ.org