

**Company:** Sentrycs, Tel Aviv, Israel

**Company Description:** Sentrycs, a leader in counter-drone solutions, uses advanced Protocol Manipulation (Cyber RF) to detect, track, identify, and mitigate unauthorized drones. Its field-proven systems secure airports, borders, prisons, and critical sites. Founded in 2017, Sentrycs operates in Israel and the US, serving global customers and shaping a safer drone-driven future.

**Nomination Category:** Company / Organization Categories

**Nomination Sub Category:** Company of the Year - Aerospace & Defense - Medium-size

**Nomination Title:** Sentrycs

1. Which will you submit for your nomination in this category, a video of up to five (5) minutes in length about the achievements of the nominated organization since 1 January 2023, OR written answers to the questions for this category? (Choose one):

Written answers to the questions

2. If you are submitting a video of up to five (5) minutes in length, provide the URL of the nominated video here, OR attach it to your entry via the "Add Attachments, Videos, or Links to This Entry" link above, through which you may also upload a copy of your video.

3. If you are providing written answers for your submission, you must provide an answer to this first question: Briefly describe the nominated organization: its history and past performance (up to 200 words):

**Total 173 words used.**

Founded in 2017, Sentrycs is a global leader in counter-drone technology, delivering field-proven solutions that passively detect, track, identify, and, when necessary, mitigate unauthorized drones. At the core of our innovation is Protocol Manipulation technology, often referred to as Cyber over RF, enabling precise and effective drone management with no collateral damage.

Our scalable, easy-to-integrate solutions are deployed globally, trusted by security forces, governments, and enterprises to protect high-risk environments. With 110 employees worldwide, Sentrycs operates from offices in Israel, Europe and the U.S., supporting customers across airports, borders, prisons, critical infrastructure, defense, and mass events.

As drone threats grow more sophisticated, Sentrycs remains at the forefront, continuously investing in research and development to push the boundaries of counter-drone technology. Our dedicated R&D teams work to ensure our systems stay ahead of evolving threats, offering future-ready solutions tailored to real-world challenges.

With a strong foundation of technological innovation, operational simplicity, and global deployment, Sentrycs has established itself as a trusted leader in counter-UAS security, shaping a safer and more secure drone-driven world.

4. If you are providing written answers for your submission, you must provide an answer to this second question: Outline the organization's achievements since the beginning of 2023 that you wish to bring to the judges' attention (up to 250 words):

**Total 201 words used.**

Since the beginning of 2023, Sentrycs has made significant advancements in counter-drone technology, reinforcing its position as an industry leader in addressing evolving drone threats.

- Adapting at the Speed of the Threat – Sentrycs has further refined its simple, effective, and field-proven solution, ensuring that it continuously adapts in real time to emerging drone threats.
- Precision Detection & Zero False Alarms – Our system is engineered to passively detect, track, and identify drones with unmatched accuracy, providing reliable operator location data while eliminating false alarms.
- Seamless Drone Control & No Collateral Impact – By taking control of unauthorized drones within predefined no-fly zones, Sentrycs ensures safe, controlled landings without disrupting authorized drones, communication networks, or navigation systems. Operating 24/7 in any environment and weather condition, our technology delivers robust and uninterrupted protection.
- Breakthrough Innovation - Sentrycs Horizon: We launched a patent-pending AI-driven solution that shifts from a library-based to a non-library-based approach. Leveraging machine learning and real-time detection, Sentrycs Horizon identifies all types of transmitting drones, including previously undetectable threats, setting a new industry benchmark for proactive drone security.

Through relentless innovation and technological advancements, Sentrycs continues to shape the future of counter-drone defense, ensuring unparalleled security for critical environments worldwide.

5. If you are providing written answers for your submission, you must provide an answer to this third question: Explain why the achievements you have highlighted are unique or significant. If possible compare the achievements to the performance of other players in your industry and/or to the organization's past performance (up to 250 words):

**Total 228 words used.**

The rapid rise of DIY drones has created new security challenges that traditional counter-UAS solutions struggle to address. Unlike commercial drones that rely on known protocols, DIY drones operate on customized, adaptive communication methods, making them nearly impossible to detect with library-based solutions. Most competitors rely on predefined libraries of known drone signals, making them ineffective against new or modified drone threats.

- has pioneered a transformative leap with the recent launch of Sentrycs Horizon, introducing a non-library-based, AI-driven approach that revolutionizes drone detection. By analyzing real-time RF bursts and datalink characteristics, Sentrycs Horizon identifies all types of transmitting drones, including those that were previously undetectable. This future-proof capability ensures security forces remain one step ahead of evolving threats, without relying on constant manual database updates. Unlike any other solution on the market, Sentrycs Horizon is the first and only AI-powered, non-library-based counter-UAS system, providing an unmatched level of adaptability and effectiveness.

Sentrycs Horizon lays the foundation for an advanced, self-learning DTIM (Detection, Tracking, Identification, and Mitigation) engine. Its ability to extract, analyze, and update drone signal data in real time provides an unprecedented level of adaptability.

With AI-driven and machine-learning capabilities, an intuitive user interface, and seamless adaptability across operational environments, Sentrycs Horizon is setting a new industry standard by offering a fully adaptable, non-library-based approach that can autonomously identify, track, and mitigate unauthorized drones in real time.

6. You have the option to answer this final question: Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words):

**Total 83 words used.**

1. European Security and Defence: Israel's Sentrycs unveils self-learning engine to combat DIY drones <https://euro-sd.com/2025/01/major-news/42367/sentrycs-unveils-c-uav-system/>
2. Army Technology: Sentrycs wins counter-UAS system contract in Latin America <https://www.army-technology.com/news/sentrycs-counter-uas-contract/>
3. Defense Week: How Sentrycs is Pioneering C-UAS Solutions <https://defense-week.net/2024/12/20/drone-sightings-in-the-u-s-raise-alarms-how-sentrycs-is-pioneering-c-uas-solutions/>

1. Sentrycs Recognized as Innovation Leader in Frost & Sullivan's 2024 Radar for Israeli C-UAS Market : <https://sentrycs.com/news/sentrycs-recognized-as-innovation-leader-in-frost-sullivans-2024-radar-for-israeli-c-uas-market/>

1. Sentrycs' technology-leading counter-drone solutions have been chosen to enhance the protection of military bases in Europe against small & commercial drones: <https://sentrycs.com/news/sentrycs-secures-multimillion-dollar-deals-to-protect-military-bases-in-europe/>



## Attachments/Videos/Links:

[Sentrycs](#)



[REDACTED FOR PUBLICATION]