



# How Modern Prisons Safeguard their Skies with Adaptive C-UAS Solutions



# Prison Airspace Security

Several prisons in Europe and in the Middle East were facing significant challenges related to the smuggling of contraband items, facilitated by the use of drones. Read how they coped.

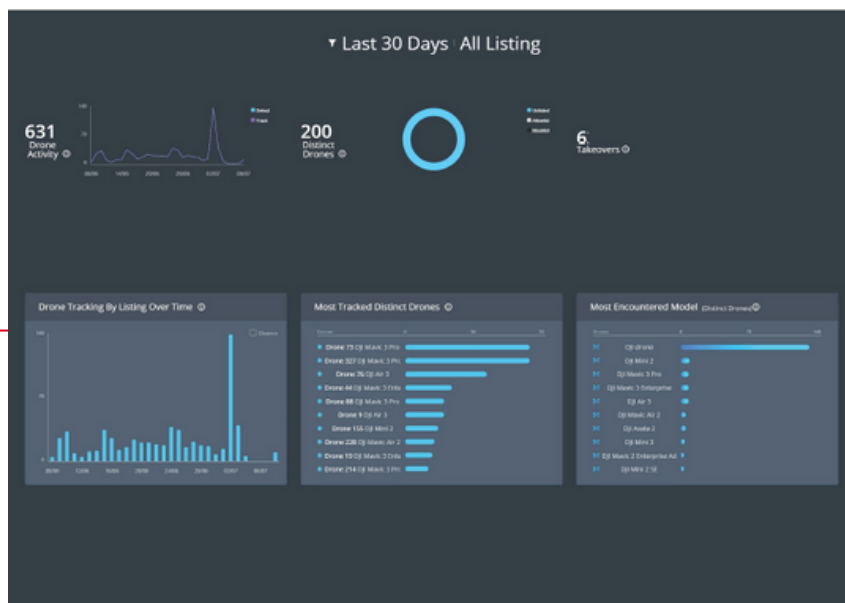
## The challenge

The customer – a group of prisons in Europe and in the Middle East – was grappling with significant challenges related to the smuggling of contraband items such as drugs, mobile phones, and money. These illicit activities were predominantly facilitated by the use of drones, making it difficult for prison authorities to maintain security and order within the facilities.

Prior to implementing Sentrycs solutions, some prisons had no counter-unmanned aerial system (C-UAS) measures in place. Others relied on nets spread above the prison facilities. However, these methods proved ineffective in preventing the smuggling of contraband. The nets could not completely stop the drones from delivering illegal items, and the absence of any C-UAS measures left some prisons entirely vulnerable.

Hundreds of drones detected flying nearby prisons in one month.

Source: Sentrycs System

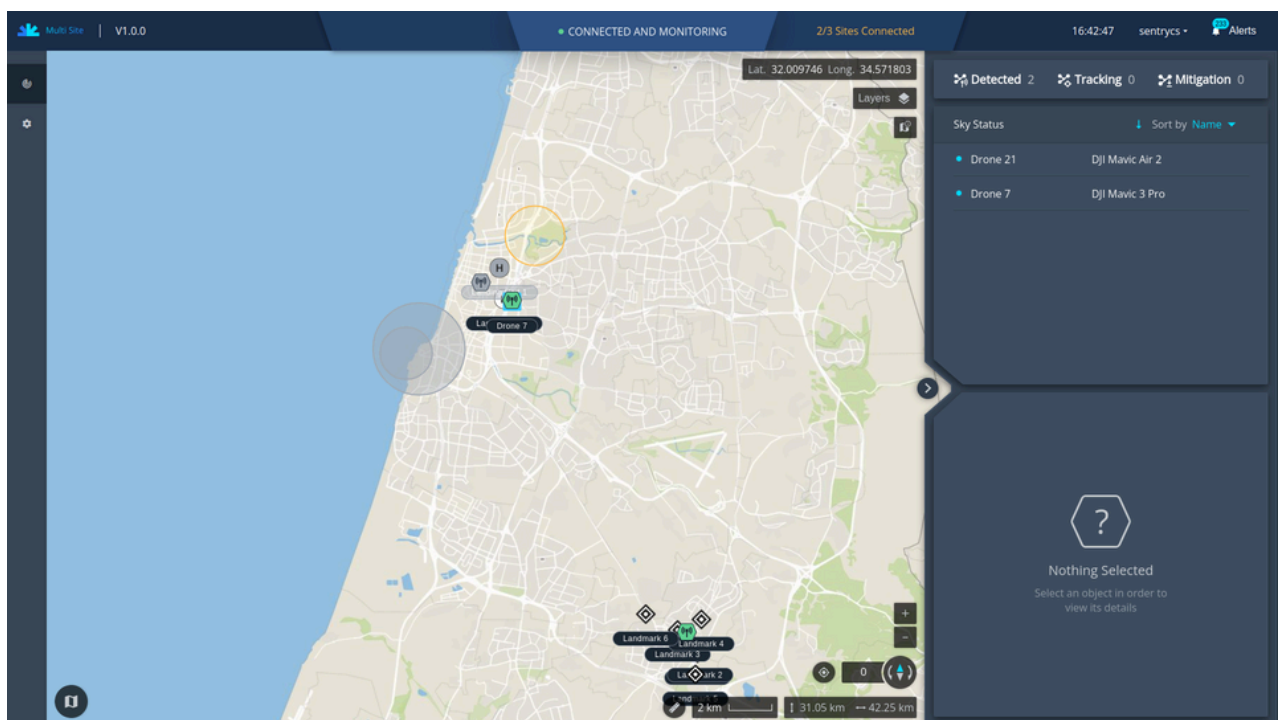


# Trigger for Immediate Action

The urgency to address this issue escalated when a Sentrycs on-site demonstration detected hundreds of drones flying above several of the prisons in a single month. The frequency and volume of drone activity underscored the critical need for an accurate and reliable solution, capable of supporting ever-changing threats.

The prison security teams were particularly enthusiastic about Sentrycs' all-in-one Detection, Tracking, Identification (DTI) capabilities which proved highly performing in detecting the most recent drone models including the latest DJI and Autel models; as well as about its fast mitigation timeframes.

Moreover, the solutions' cost-efficient pricing and multi-site capabilities were game changers in the decision to procure, as Sentrycs technology allowed for a shift from local air security management to centralized control across multiple prisons from a single remote location.



## The solution

Sentrycs provided a comprehensive solution that included a dozen sensors. The customer chose portable kits configuration that didn't require any special on-premise installation from a physical security and safety perspective. Initially, the various solutions were integrated with the Command and Control (C2) systems at each local prison.

After a reorganization of the prison authority's structure, the responsibility for airspace security was transferred to the centralized headquarters of the Prison Authority. Sentrycs' C2 and multi-site functionality were leveraged to remotely and centrally manage multiple prisons.

The solutions were deployed in both urban and semi-urban environments, catering to the diverse settings of the prisons. Sentrycs' ability to function in RF-noisy environments ensured that the solutions were effective regardless of the specific characteristics of the prison locations.

The success of the initial deployment opened up opportunities for expanding the deal. The next steps involve potentially increasing the number of sensors and further enhancing the security measures across multiple prison facilities. This expansion would allow for a more streamlined and cohesive approach to managing air security in prisons, throughout the region.

# Get in touch



There are many factors to consider when thinking of your counter-UAS solution. To discuss your situation in depth or if you would simply like more information on anything in this guide, please visit [www.sentrycs.com](http://www.sentrycs.com) or reach out: [info@sentrycs.com](mailto:info@sentrycs.com)