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Steps to implement drone detection at your airport



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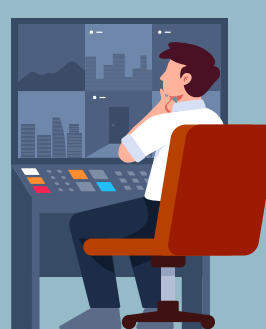
Establish a Geozone

- Define a protective airspace structure
- Options: no fly or controlled zone
- Publish the geozone digitally for geo-awareness and easy operator access



Connect your Geozone to UTM

- Integrate with a digital UTM platform for real-time coordination, compliance, and strategic deconfliction
- Distinguish authorised from unauthorised drone operations



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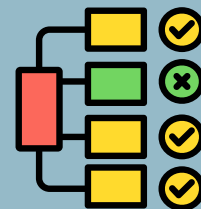


Deploy a Drone Detection System

- Start with Radio Frequency (RF) sensors for cost-effective, scalable detection
- Use software for real-time monitoring and historical data analysis
- Integrate detection with UTM for instant authorisation checks

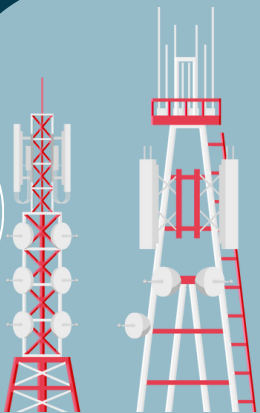
Refine your Threat Assessment

- Define what is a threat based on data analysis
- Configure operational logic and procedures
- Perform validation testing to confirm reliability



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Extend to Multi-Layered Hardware

- Combine RF sensors with radar, cameras, and acoustic sensors
- Each technology addresses different vulnerabilities
- Layered detection prepares for evolving threats

Assess Counter-Drone Capabilities

- Consider kinetic and non-kinetic effectors
- Assess all possible implications
- Coordinate with authorities



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