

Beyond Visual Line of Sight (BVLOS)

DeTect's BVLOS radar system is based on DeTect's HARRIER Air Surveillance Radar technology and provides proven long range surveillance and monitoring of airspace to extend UAS operations beyond visual line-of-sight.

The HARRIER BVLOS has been used by Unmanned Aerial Systems developers and operators since 2008.

DeTect's Solutions



CATEC Atlas UAS Range, Spain

BVLOS

The HARRIER True3D BVLOS is an advanced three-dimensional (3D) digital multi-beam radar that provides real time detection and tracking of the full 3D airspace.

- The system is designed to detect targets ranging from small UAS to aircraft and provide real time information to support BVLOS operations.
- The system can be integrated into multiple platforms to provide clients with a functional autonomous Detect and Avoid (DAA) solution.
- Engineered & manufactured for dependable 24-7 operation with high reliability & low maintenance with hardware and software developed specifically for detection of airborne targets.



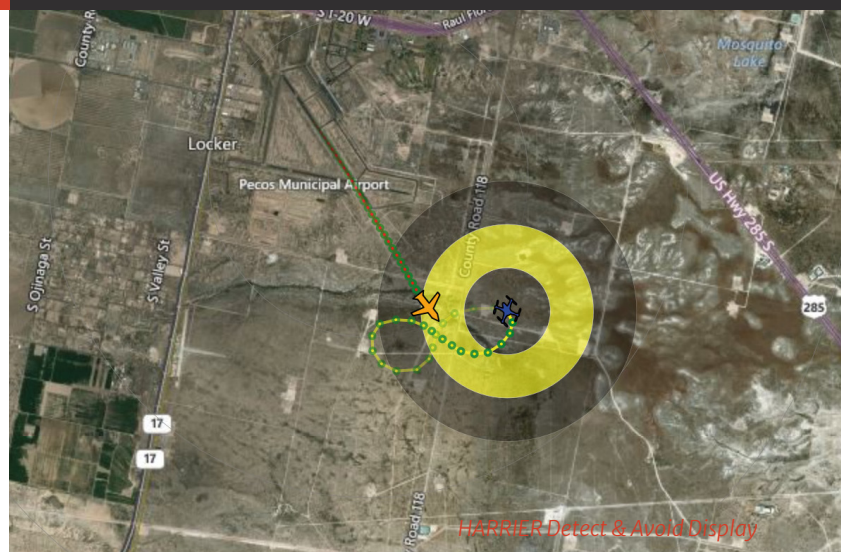
Technology Features

- Fast update rates (4 x per sec) for improved target tracking
- Cessna sized aircraft detection up to 33km (18nm)
- All-weather situational awareness
- US FCC, US DOD & foreign frequency licensed/registered.

DeTect BVLOS Radar Advantages

- 2D and 3D systems available in several power and range configurations
To provide the Right Radar for the Job
- Advanced solid-state, pulsed radar with Doppler processing
- Real-time data processing with third party sensor integration for active risk analysis
- Available in fixed and mobile configurations
- Available for purchase, long-term lease and short-term rental, with or without DeTect operators
- Backed by established company with worldwide offices and 24-7 support.

DeTect's BVLOS solutions use advanced radar and detect-and-avoid technology for safe, compliant operations in complex airspace. By removing traditional drone limitations, businesses can scale operations, optimize resources, and gain a competitive edge.



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www.detect-inc.com



A 22 year Track Record of Success and Superior Service:

- Over 1,200 radar systems installed globally
- 15+ million operational hours logged
- Consistently high system reliability
- Industry-leading warranty and support coverage
- Flexible purchase, lease, and rental options
- Outstanding maintenance and support record.

ABOUT DeTect, Inc.

DeTect is a global leader in advanced 2D and True3D radar and remote sensor technologies and systems, for aviation safety, security and surveillance, drone defense and environmental protection and renewable energy.

Over 1,200 radar systems have been delivered to the US, Canada, Europe, Africa and Asia since 2003.



DeTect has manufacturing facilities in the US, Canada, Europe and Korea

Our Commitment:

DeTect provides comprehensive support through every stage of system implementation and operation:

- Custom site analysis and modeling
- Full engineering and installation support
- Tailored Concept-of-Operations development
- System integration into COP systems
- Specialized operational training
- Long-term 24-7 technical support.

With DeTect, customers are getting more than a system. Each DeTect product is supported by DeTect's team of application specialists who have extensive backgrounds and experience in systems design, manufacture, siting and, most importantly, integration and real-world operation.

University of North Dakota, USA



At DeTect, we combine cutting-edge technology with unmatched expertise to deliver integrated solutions that **deliver the right radar for the job.**



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