DIGITAL GLOBAL SYSTEMS

telent
talent with technology

Comprehensive Situational Awareness

CLEARSKY™ Drone Threat Management

DIFFERENTIATORS

- LONG DISTANCE DETECTION (2 KM) VS 500 METERS (TYPICAL RF SYSTEMS)
- CLASSIFICATION IN < 2 SECONDS DOES NOT REQUIRE DEMODULATION
- ANOMALOUS SIGNAL DETECT (MOBILES, LMR, DRONES) 50 MHZ TO 6 GHZ
- DETECTS, CLASSIFIES AND LOCATES THE DRONE AND CONTROLLER
- OPERATES IN CHAOTIC, EVER-CHANGING WIRELESS ENVIRONMENTS
- INTEGRATES WITH 3RD PARTY SYSTEMS, INCLUDING CAMERAS AND VISUALIZATION SOFTWARE
- DETECTS PRESENCE OF VIDEO AND STILL PHOTO SURVEILLANCE SIGNALS

CLEARSKY™ Drone Threat Management

COMPREHENSIVE SITUATIONAL AWARENESS

CLEARSKY™ is a unique RF Situational Awareness platform that detects and classifies all wireless activity from 50 MHz to 6 GHz.

Advantage: Most counter-UAS solutions only detect drones in the common 2.4 and 5.8 GHz frequencies. CLEARSKY™ detects mobile phones, LMR devices, WiFi Networks, jammers, and drones anywhere within the 50 MHz to 6 GHz spectrum.

Specific to drones, the CLEARSKY™ deep learning engines **detect and classify RF at longer distances** than typical C-UAS systems. Significantly greater detection range, coupled with rapid classification and location, provide the necessary time to react and respond.

CLEARSKY™ offers multiple drone defend options, minimizing disruption to other communications:

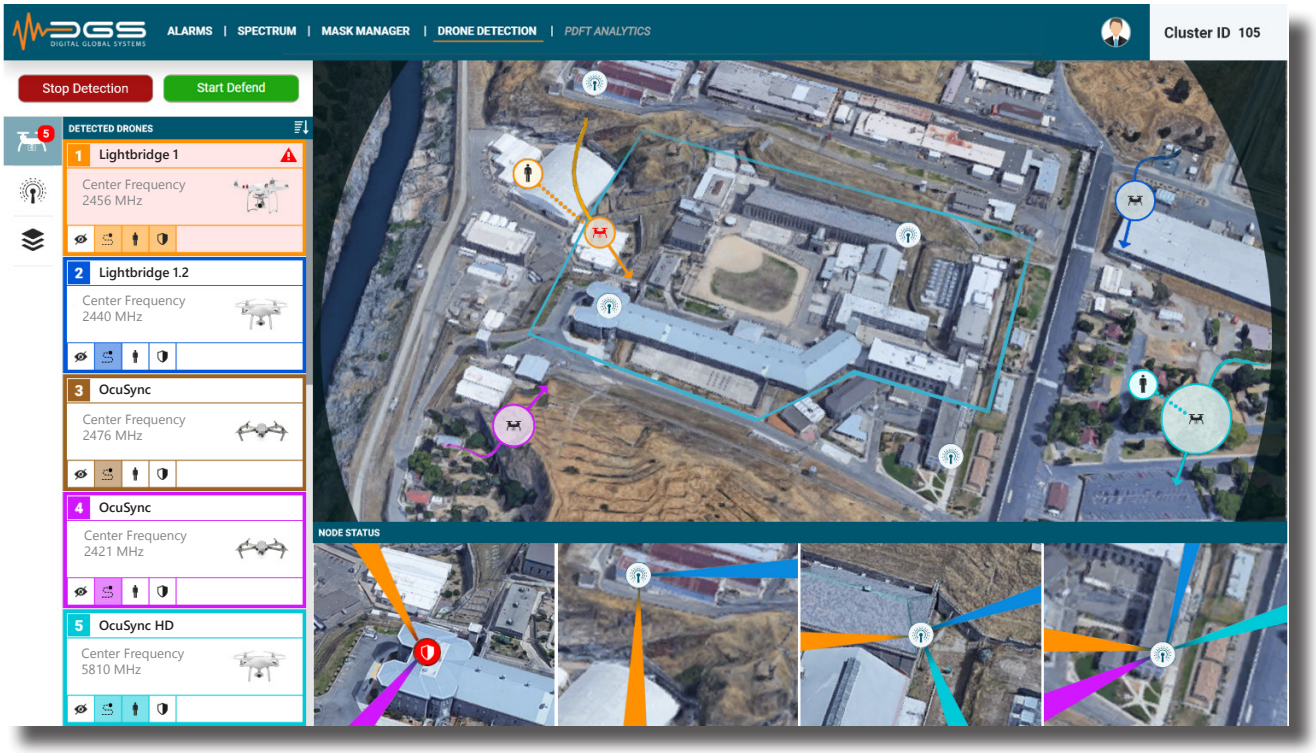
CommShield: omni-directional antenna assembly which creates a protective shield over a site.

CommPoint: sectorized or directional antenna assembly for a targeted defend approach.

RF Detect and Defend multiple capabilities in one platform

COMMSHIELD
PROTECTIVE SHIELD

COMMPOINT
TARGETED OR SECTORIZED DEFEND



Single Pane of Glass UI efficient spectrum monitoring

MARKET FOCUS

- UTILITIES
- DEFENSE AND SECURITY
- AIRPORTS
- PRISONS
- LARGE VENUES

Detect at Distance

Detecting the presence of a drone without affording time to react is of little consequence. Drones can move in excess of 60 km per hour, carrying payloads which can be delivered in under a second.

CLEARSKY™ detects drones at significant distance, providing time to react and respond.

Classify & Locate Rapidly

The CLEARSKY™ deep learning engine rapidly classifies drones and controllers without the need to demodulate. Classification and direction finding occurs in under 2 seconds.

Rapid classification and location simplifies drone recognition for the operator, enabling a more focused response.

Interdiction - Defend

Once the threat is detected, classified and located, the CLEARSKY™ defend system disrupts the controller's ability to communicate with the drone.

Multiple defend options are available, to deny access to site.

Detect

Classify & Locate

Defend

About Digital Global Systems

Digital Global Systems focuses on automated and intelligent spectrum management solutions. Digital Global Systems has over 30 patents focused on analyzing wireless environments and delivering knowledge to security professionals. Additional information can be found at **www.digitalglobalsystems.com**

About Telent Technology Services

Telent specialise in the effective operation of critical national infrastructure and are at the heart of many of the UK's and Ireland's best-known brands. We design, deliver and support solutions and services which enable organisations to create, improve and operate the ICT and communication networks that their businesses depend on.

Telent Technology Services are the exclusive partner for DGS solutions in the UK & Ireland
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