open
eye

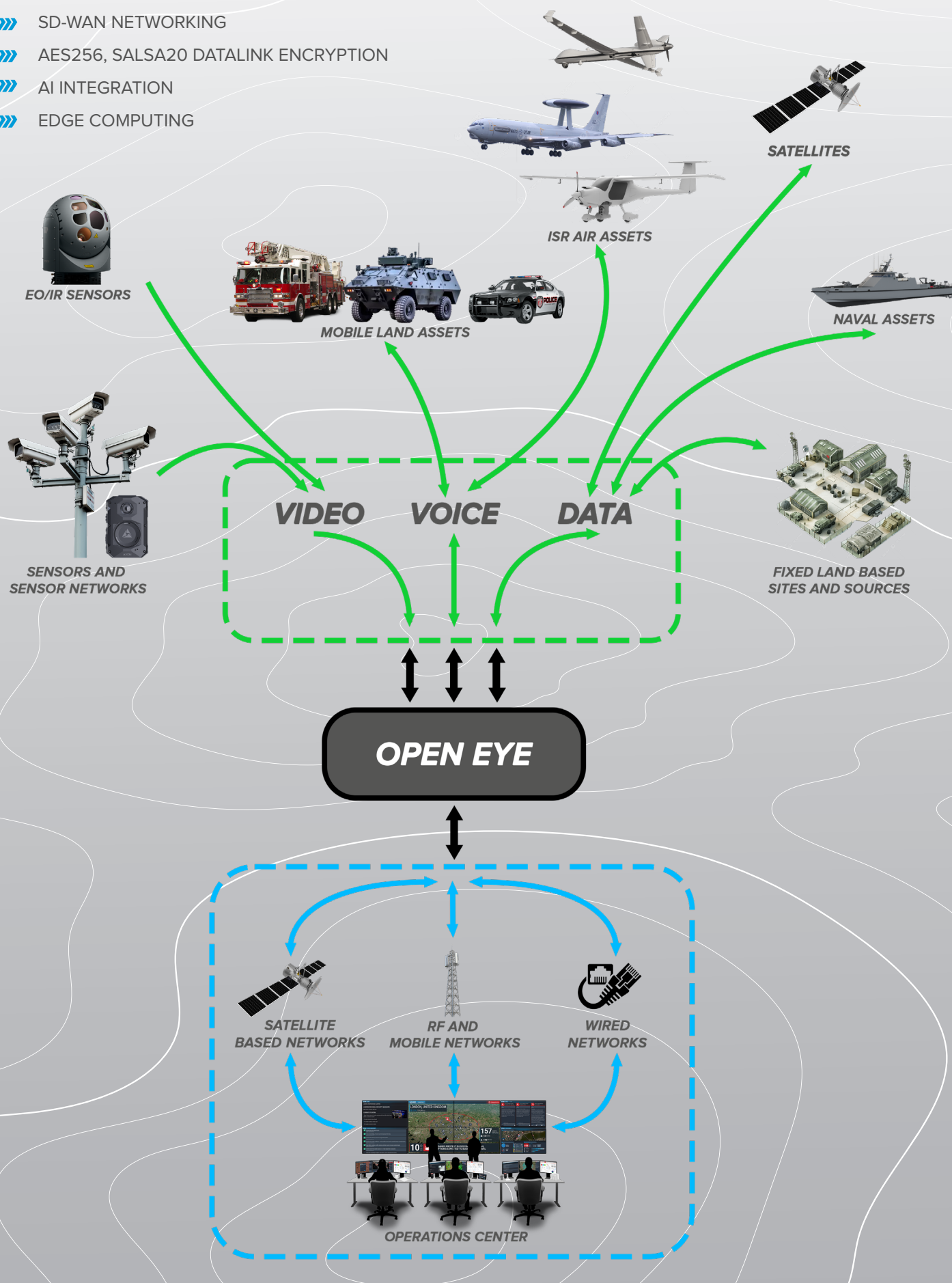**MULTI-LINK, MULTI-PATH TACTICAL COMMUNICATIONS HUB**

open eye

advanced secure solution for video/data/voice gathering and transfer to any operational centre in near real-time, using multiple communication systems and paths.

- *Secure command and control operations*
- *Situational awarness and data fusion*
- *Cybersecurity and threat migration*
- *Disaster response coordination*
- *Covert ops and intel gathering*

KEY FEATURES

》 RUGGED DESIGN

》 SCALABLE MODULAR DESIGN

》 4G/LTE, 5G, Wi-Fi, LAN

》 SD-WAN NETWORKING

》 AES256, SALSA20 DATALINK ENCRYPTION

》 AI INTEGRATION

》 EDGE COMPUTING

OPEN EYE

EO/IR SENSORS

MOBILE LAND ASSETS

ISR AIR ASSETS

SATELLITES

NAVAL ASSETS

SENSORS AND SENSOR NETWORKS

VIDEO   VOICE   DATA

FIXED LAND BASED SITES AND SOURCES

OPEN EYE

SATELLITE BASED NETWORKS

RF AND MOBILE NETWORKS

WIRED NETWORKS

OPERATIONS CENTER

Restreamer™ OE Core
Advanced Multi-Source Multi-Path Video Collection & Distribution for Tactical Interoperability

Restreamer™ is a powerful software solution that is at the core of the Open Eye system, designed to collect, manage, and distribute STANAG 4609 compliant video, voice, and sensor data streams. It seamlessly records, timestamps, and geo locates incoming data streams, while efficiently sharing lightweight real time, as well as archived meta-data hosted on the server.
The true strength of the Restreamer™ OE core lies in its ability to operate across multiple synchronized servers. This distributed architecture enables real-time data sharing across the battlefield, optimizes frequency and data path usage, and delivers a decisive edge in modern security and military operations.

KEY BENEFITS

» Full support for STANAG 4609 video, voice, and sensor data

» Real-time data recording with geo-location and timestamps

» Efficient meta-data sharing for rapid situational awareness

» Multi-server, multi-path architecture for resilient, scalable restreaming

» Radio frequency space optimization for enhanced operational efficiency

» Compatible with Harris, Silvus, Trellisware, Persistent Systems and other tactical RF equipment

» Restreamer™ OE empowers governmental security and defense forces with the critical information when and where they need it.

» TCP/IP device agnostic

» Hardware agnostic modular design

» Multiple CPU and RAM options

» Multiple different I/O ports, including 10 GbE ports

» 4G/LTE or 5G connectivity

» NVMe removable storage with optional integrated edge computing and analysis

» MIL-STDs compliant

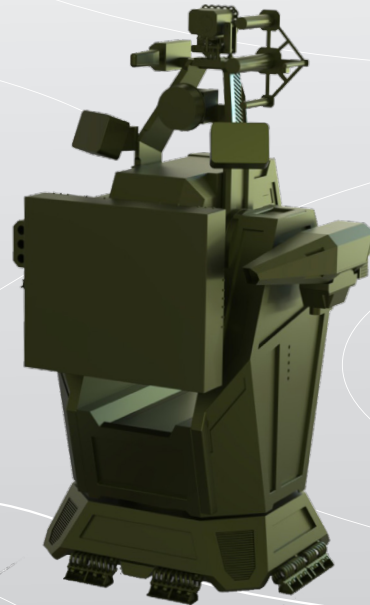» Integrated switch/router, providing secure communications through diverse data links
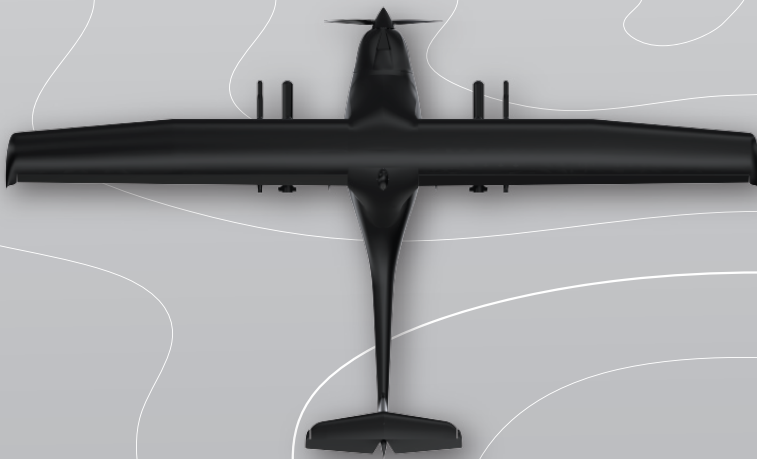
About TIMTEC Defense Ltd.

TIMTEC Defense Ltd. specializes in the rapid design, development, and production of defense systems and components for complex platforms. Its expertise includes Class 3 UAV-OPVs, Class 1 FPVs-UAVs, multi-layer counter-drone systems, multi-link, multi-path tactical communication hubs, and related electronic hardware and software.

EO/IR stabilised sensor system
High-precision 2-axis stabilization
Customizable sensors: VIS and IR
Suitable for aerial, naval, and ground applications

Multi-Layer Counter-Drone and Threat System Directional high-power jammers
Electromagnetic interference pulses
Microwave directed energy
Kinetic effectors

OPV-UAV multimission aerial platform
750 kg MTOW Class 3 MALE UAV
Wing and fuselage payload hardpoints
LOS and BVLOS communication systems

Closing the kill chain with exceptional capabilities, adapt at neutralizing armored vehicles and soft targets by a expandable, low-cost system

TIMTEC
TIMTEC DEFENSE

ISO 9001
BUREAU VERITAS
Certification