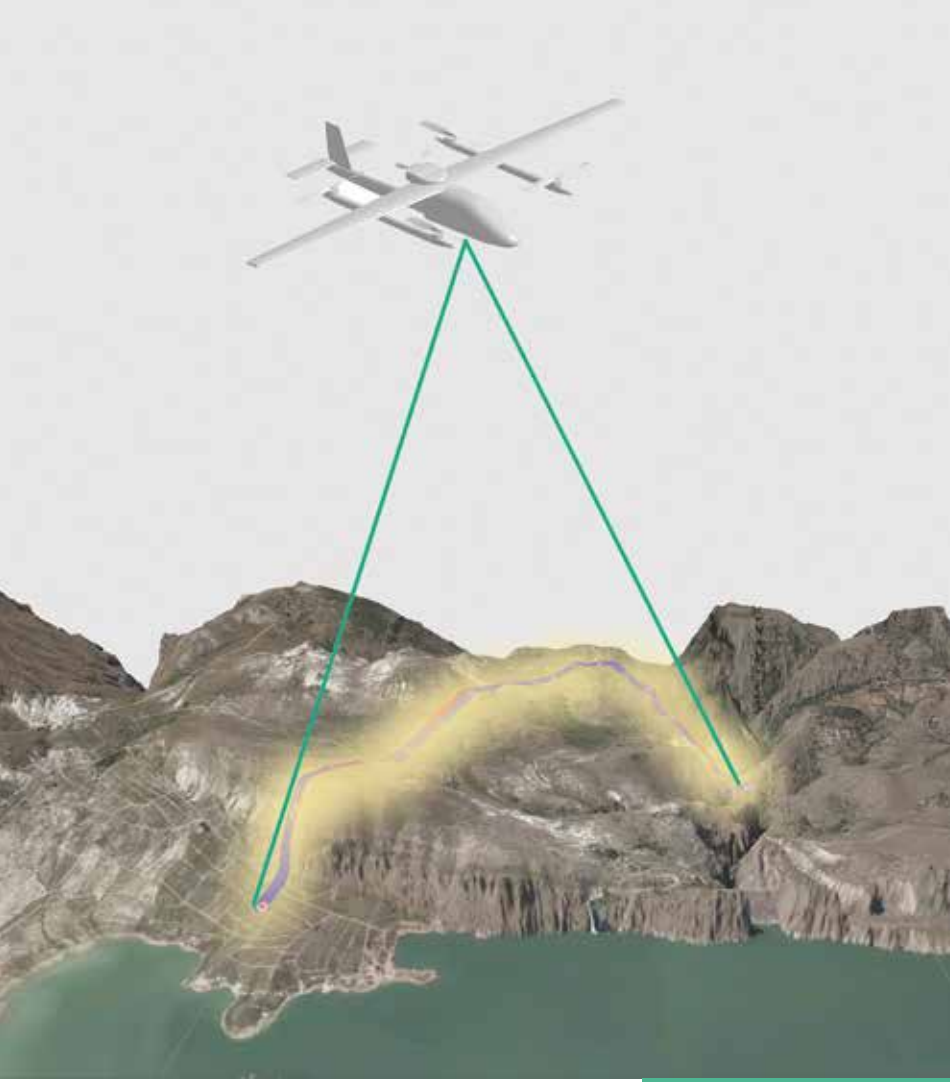


**ESEN**



# VISION BASED NAVIGATION IN GPS DENIED ENVIRONMENTS (EVNAV)

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06800 Ankara, Türkiye

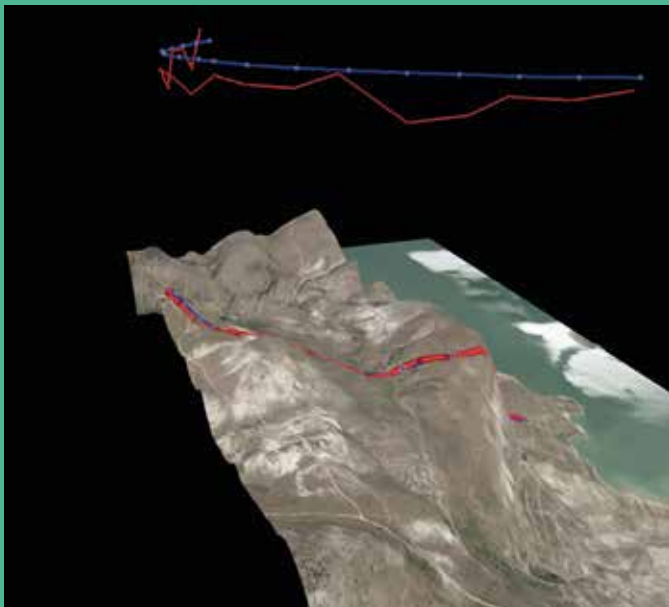
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[www.esensi.com.tr](http://www.esensi.com.tr)

   /esensistem

# VISION BASED NAVIGATION IN GPS DENIED ENVIRONMENTS (EVNAV)

- ✧ Vision Based Navigation (1 Hz navigation data output)
- ✧ Image matching between gathered imagery and previously uploaded geo-registered aerial or satellite images
- ✧ Accurate enough to complete mission when GPS is unavailable
- ✧ Passive system (no transmission, can not be jammed or interfered with)
- ✧ No external system required for operation (relies on internal image database and built-in camera)
- ✧ Light, small, low power consumption
- ✧ Can be customized to warn against GPS Spoofing attacks
- ✧ Adaptable to a variety of platforms
- ✧ 2D position accuracy < 30 m  
3D position accuracy < 50 m



# EVNAV