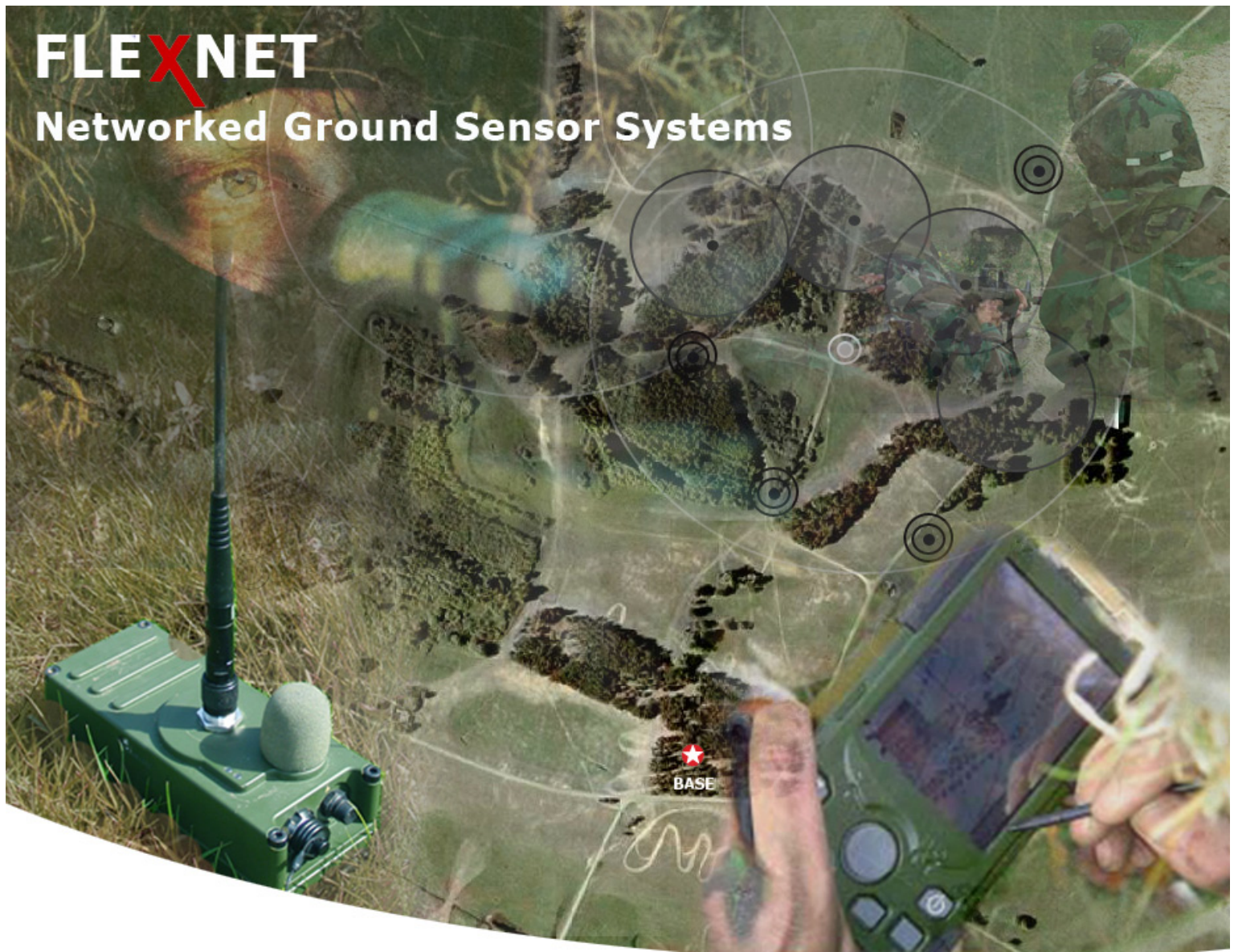


# FLEXNET

## Networked Ground Sensor Systems



## THE MODERN FORCE MULTIPLIER

### OPERATIONAL FLEXIBILITY

Unattended Ground Sensors (UGS) provide the troops on the ground the essential tools required for mission winning operations.

With Troop protection & force multiplication being the key aim, the Exensor Flexnet System offers the flexibility to be applied across the entire spectrum of combat operations, affording troops a significant advantage whilst operational, coupled with enhanced protection while doing so.

### FLEXNET OFFERS TROOPS ON THE GROUND AT REST:

- Advanced warning of approach far greater than guard force limit of sight & sound
- Smaller guard force deployed – free up time for rest & other taskings
- Multiple Non Line Of Sight (NLOS) areas & ‘Dead ground’ monitoring
- Quick & easy 360° protection – sensors deployed during clearance patrol

**EXENSOR**  
Awareness Assured

## OPERATIONAL SCOPE

- Camp/Rest Location Protection -
  - Harbour Locations
  - LUP's
  - R.V's
- Reconnaissance -
  - Observation Posts
  - Sniper Taskings
  - Multiple NLOS Areas
- Defence & Fire Control
  - Ambush Taskings
  - VCP's
  - Border Control
  - C-IED



Sensors offer troops on **reconnaissance** operations enhanced rear protection with heightened situational awareness.



## RECONNAISSANCE

- Observation Posts
- Sniper Taskings
- Triggers (to O.P.'s/UAV's)
- Multiple NLOS Observation
- Cache protection

Enhanced rear protection.  
Notification of movement into target area before visible to OP.

**Defence of strategic areas** of ground can be quickly achieved using less manpower observing NLOS areas, achieving maximum firepower at the defended location.



## DEFENCE & FIRE CONTROL

- Quick & easy alternative to minefields & other obstacles
- Coverage of all approaches – replace standing patrols
- Protection of Forward Observers & Gun/Mortar Lines
- Trigger Gun/Mortar Line rapid Fire-Effect onto multiple marked & recorded targets

## AMBUSH TASKINGS

- Rear protection of Ambush site
- Sensors provide early warning of approach into ambush area
- Left/Right cut offs using sensors for approach warning positioned closer to ambush group
- Cut offs able to provide additional firepower to ambush group
- Maximum fire effect when ambush sprung

Cut offs deploy sensors as approach warning allowing for positioning closer to ambush group. Still able to act as a cut off to fleeing targets, while being closer to ambush group allows for arcs of fire into ambush area providing maximum fire effect.

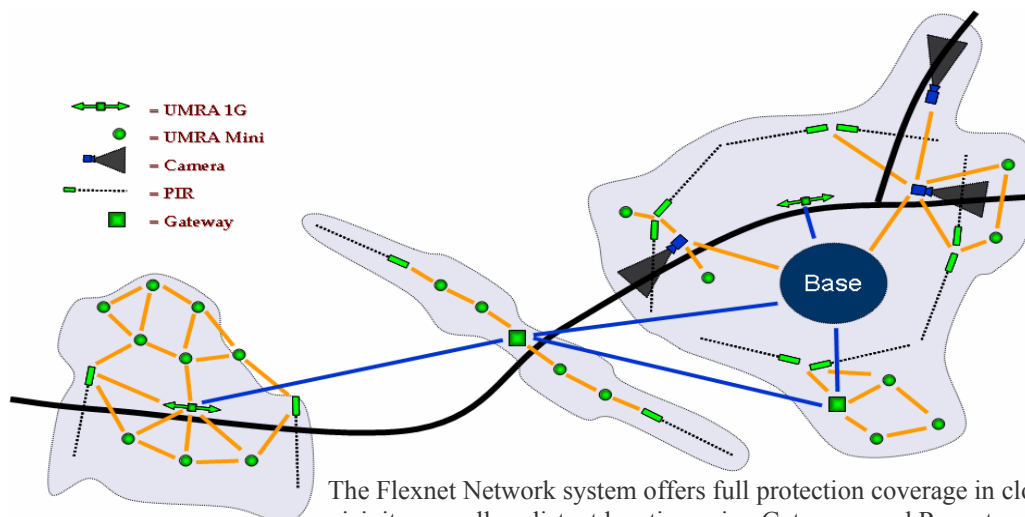


All unknown personnel & vehicles approaching any **check-point** or **border** can be identified in advance of arrival allowing for commanders on the ground to make a pro-active assessment of the threat before it arrives



## VCP's & BORDER CONTROL

- Extended distance approach warning
- Troops become a Pro-active force as opposed to Re-active to any arrivals at check-point or border
- Positive classification, I.D, & visual confirmation provided
- Commanders make appraisal before own troops are in danger



## COUNTER – I.E.D

- UMRA Mini sensors deployed into 'Hot-Spot' areas to detect digging (Deployment of I.E.D's)
- Choke points & areas prone to I.E.D attacks along strategic MSR's can be monitored
- Sensors used in conjunction with O.P's in overwatch to confirm digging activities in the area
- Troops check alarm history before passing through Hot-Spot area
- I.E.D search teams called forward before movement through

Movement along arterial MSR's is vital. Insurgent forces exploit the necessity to move through **choke points & I.E.D Hot-Spots** by digging improvised explosive devices into the area. Detection of **digging activities** using the UMRA Mini sensors coupled with time, date & sensors I.D. provides commanders on the ground the situational awareness necessary to halt movement through the area before I.E.D search teams have been called forward to clear the route.



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