

Sentry Tech™

Long Distance Stationary Remote Controlled Weapon Station



Detect targets and fire light weapons by remote control

Benefits

- Enables operation of multiple weapon stations from a single remote operator station
- Shortens response time
- Reduces number of front line soldiers and enhances survivability
- Augments surveillance and intelligence gathering
- Integrates into existing infrastructures and fortifications
- Easy to deploy, easy to replace

Remote-Controlled Weapon Stations on the Front Line

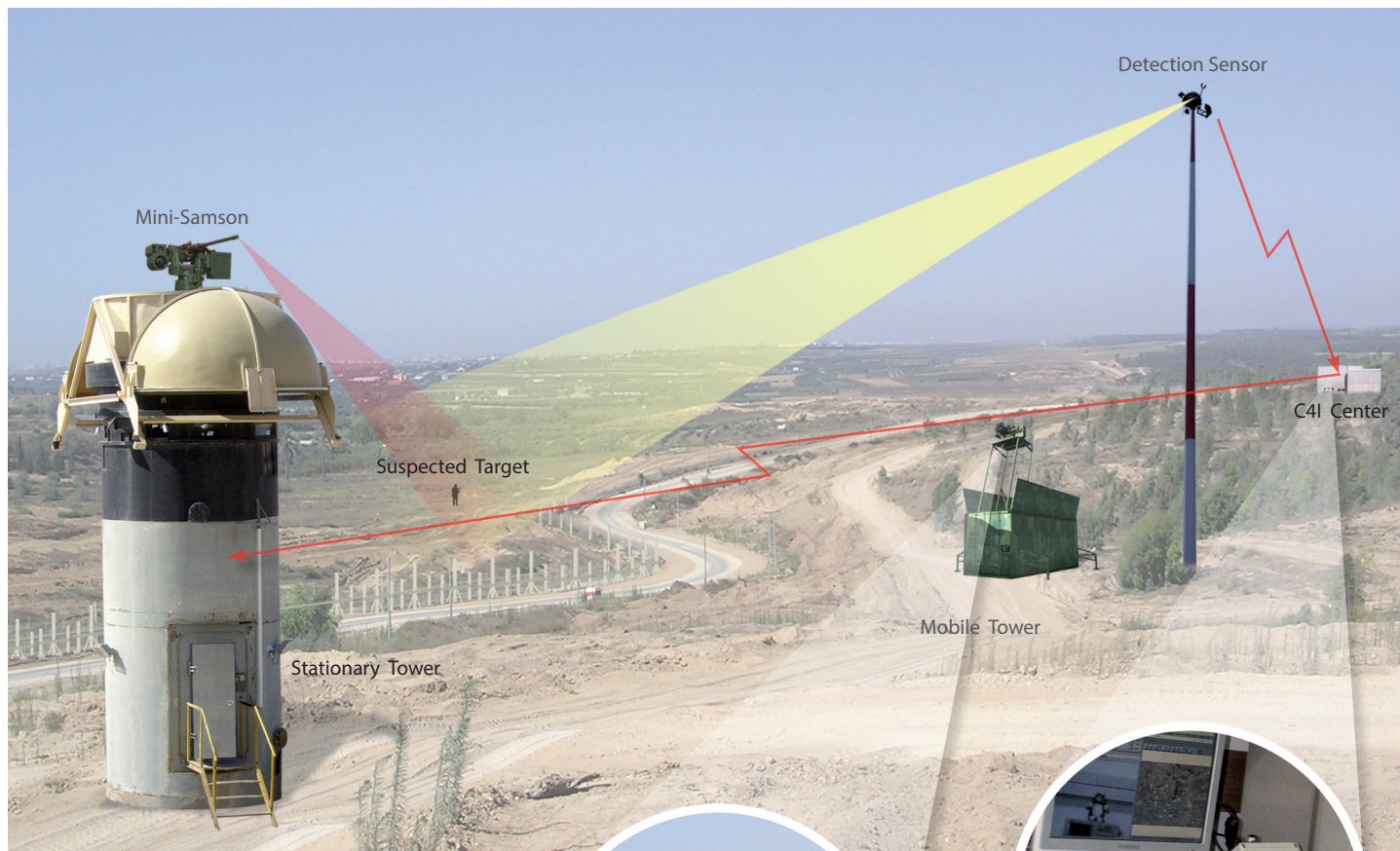
Sentry Tech improves military coordination and situational awareness by providing an infiltration alert via ground and airborne sensors so the command and control team can decide whether or not to fire remote controlled weapons. Sentry Tech is based on a lineup of remote-controlled weapon stations integrated with security and intelligence sensors. The system's operators, at a distant location, engage the enemy using these weapon stations, which can accommodate light weapons and anti-tank missiles. Increased operational effectiveness, shortened response time, and enhanced troop survivability are Sentry Tech's trademarks.

Based on Mini-Samson, Rafael's remote controlled weapon station

(RCWS), mounted on a pillbox and linked by fiber optics to a remote C4I center, Sentry Tech's open architecture interface enables integration with other security sensors.

Operational Concept

C4I sensors locate a potential target, and the operator can then cue Sentry Tech to verify or engage the target through its own electro-optic day/night sensor package. The information acquired by the sensor is transferred to the electro-optic component of the weapon station which slews to the target, enabling the operator to locate and track the target. Each C4I center can cover another in the event of a system failure, and a single C4I center can control several weapon stations.



Features

- Wide angular sector coverage
- High hit probability
- Integrated electro-optical sight for positive day and night target validation
- Retractable cover protects weapon station from the elements (dust etc.)
- Designed with safe access for maintenance
- Available in three configurations: rotating stationary, rotating armor turret and mobile tower