

nanoWATCH™

A cell phone sentry at your gate



RIVA Network's nanoWATCH™ system is a low-cost mobile phone finder, locator and surveyor. nanoWATCH™ features go well beyond the many IMSI grabbers on the market today.

nanoWATCH™ can separate unknown phones from friendly phones and enable blue force tracking.

Terrorism and illegal trafficking pose important threats. From checkpoints to remote areas, nanoWATCH™ can identify cell phones from hostile enemies and nations.

The nanoWATCH™ system scans an area for cell phones. When it locates a phone of interest, it collects the mobile phone's identity, saves it in a database and sends alerts via text messages.

nanoWATCH™ systems deployed in remote areas send alerts to HQ over satellite radio modems.



nanoWATCH™ allows your security team to monitor checkpoints, remote areas and perimeters for hostile phones. At national borders, nanoWATCH™ can be used to detect illegal immigrants or contraband traffickers.

To defend facilities and perimeters, nanoWATCH™ can detect hostile phones that may be attached to sensors or IEDs

nanoWATCH™ can covertly collect a contact's phone data, which can be associated with other investigation, intelligence or biometric data; aiding in identifying criminals and hostiles.

nanoWATCH™ is a fully functional cell tower with C3 capabilities. Communications features include secure voice, SMS text messaging, email, web access and IP based reach back.

nanoWATCH™ can aid in rescue missions, finding phones to help locate survivors.



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(732) 940-5555

www.riva-networks.com

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Using COTS hardware and a LINUX operating system, **nanoWATCH™** is a dependable and affordable solution.

Man-portable, the **nanoWATCH™** system can be carried, attached to a checkpoint, concealed in a remote location, vehicle mounted or aircraft mounted.

nanoWATCH™ transmits updates wirelessly and runs on a Single Board Computer (SBC). Single button operation allows for ease of use

nanoWATCH™ includes all of the capabilities of a private cell tower. This is a valuable capability in remote areas or during times of disaster.

The system can covertly survey all mobile phones in the area and send SMS alerts with GPS location data, date and time stamps.

Once a **nanoWATCH™** system has been deployed, it can be programmed remotely.

For installations that are difficult to access, all data logs and watch lists are updated remotely “over the air”; reducing risk to personnel.

The system consists of a miniature, portable GSM base station (nanoCELL), a Single Board Computer (SBC), a GPS receiver, a GSM mobile phone radio, batteries, charger and a road case.

The SBC is used to control the covert network, manage the phone identities collected in the database, identify target phones and create alert messages.

For dependability, the **nanoWATCH™** system runs on a LINUX OS to provide stable, fault tolerant performance.



nanoWATCH cell phone interrogator pictured with satellite antenna for backhaul



Encryption-100

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