

case study



India's national and state police forces rely on Honeywell Global Tracking's Osprey Portable Tracker to keep their deployed soldiers connected in the jungles of India

Since 2011, the central and state governments of India have outfitted their police and paramilitary forces with Honeywell Global Tracking's Osprey – safeguarding lives by preventing friendly fire and keeping deployed forces in constant contact with their command.

Honeywell



Client Profile

The para-military forces and state armed police forces within India are working together to ensure the security of India's population, defending the country from a 40-year-old rebellion. In the last three years, a thousand civilians have been killed in the war between the rebels and security forces, while 610 security personnel have died.

These para-military forces field an elite fighting unit that includes 10 battalions focused on combating this insurgency concentrated over the western part of India.

Challenge

The Indian commandos face a daunting task – how to combat an entrenched insurgency spread out over a wide portion of India's western states. With large portions of these areas remote and forested, deployed forces have extremely limited GSM/GPRS coverage available to track the enemy, or to easily communicate and coordinate missions with operational command.

Radios were the only communication available to the troops until recently.

According to Abhinav Kumar, director of Fleet Infotech Pvt. Ltd., an India-based Value Added Reseller (VAR) with extensive experience in satellite technologies, *"the radio system was not very effective in remote areas because the rebels had destroyed the infrastructure, so they couldn't have data transfer."*

In one incident in 2010, 17 troops found themselves surrounded by enemy fire with no way to communicate with their chain of command, and no reliable means for their commanders to locate them.

"Connectivity was a big problem," recalled Kumar.

Solution

Soon after that incident, India's para-military forces turned to Honeywell Global Tracking and the Osprey Portable Tracker™, which runs over the highly reliable Inmarsat IsatM2M communication platform.

The Osprey's features include an integrated GPS receiver, two-way messaging system, panic button and rechargeable battery. It also offers a stealth mode for silent and low backlight

operations for use in hostile areas. The Osprey, along with ViewPoint™, Honeywell's advanced web-based monitoring application, was the perfect answer to India's challenge of monitoring and communicating with police forces on missions in isolated locations.

Now, these on-the-ground police can easily send requests for backup reinforcements or other critical support. Battalions outfitted with the Osprey are able to easily locate and communicate with other nearby Osprey users, and to report position at intervals defined by their commander. A dedicated panic button allows them to quickly raise an alarm on ViewPoint. The button is recessed and protected by a rubber cover, minimizing the possibility of false alarms.

Portable and easy to operate, the Osprey is widely deployed by police in the Indian states most affected by the violence. The Osprey provides regular tracking and monitoring of police personnel.

When the police press the panic button, an alert is raised on ViewPoint and is backed up by an SMS message to officers in the command structure.



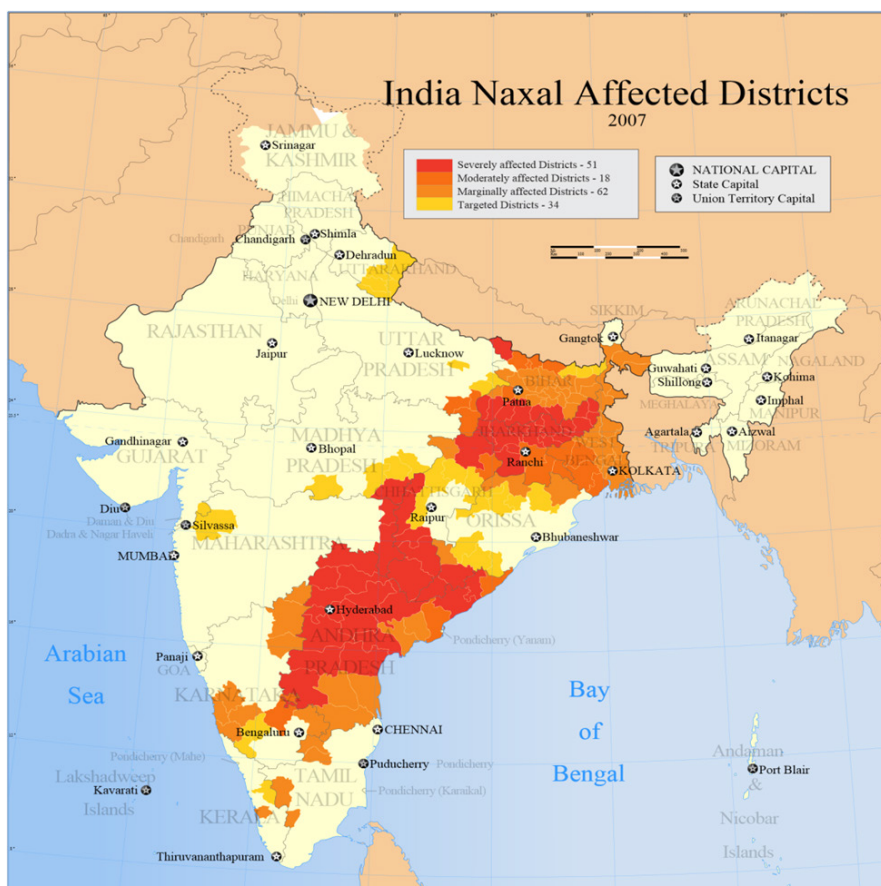
“The Osprey plays a vital role in locating India’s troops – making it easy for commanders to locate where they are and to send reinforcements in when needed. It’s an effective connectivity tool in remote areas where having real-time situational awareness can save lives.”

**Abhinav Kumar, Director of Fleet Infotech Pvt. Ltd,
India-based VAR and partner to Honeywell Global Tracking**

“Osprey keeps India’s para-military forces connected in the country’s most isolated regions.”

The Osprey has already helped India avoid cross firing between forces – sometimes they aren’t aware who is beside them and they can have fire but with the help of the Osprey, their commander can give them a message that this team is nearby so the chances of cross fire is significantly lessened.

Recently, the Osprey was used in a key operation to help deploy troops by chopper to the correct operational place. With the help of coordinates given by the Osprey, the pilot was able to drop the troops at the right location. It also helped reduce cross firing between troopers because the command room knew which teams were nearby and could communicate with the teams in real-time.



Osprey Portable Tracker

Global Satellite Connectivity

The Osprey Portable Tracker uses the Inmarsat IsatM2M protocol. With global satellite coverage and 99.99% uptimes, you will stay connected at all times.

Rugged, Grippable Enclosure

The rugged Osprey Portable Tracker can withstand years of use in tough environments (IP-65), floats in water, and features a grip-friendly enclosure.

Battery Powered

The rechargeable Li-ion batteries can operate for several days depending upon configuration, and can be charged using a mini USB charger.



LCD Display

View location data, incoming messages, battery status and more. Select between 450 pre-defined text messages, e.g. "We're OK", "Send Help" etc.

Interface Navigation Buttons

Use these buttons to navigate the interface, send text messages, configure the device and more. Includes a dedicated Point Of Interest button to save a specific location in memory.

Alert Button

Use this button to immediately send an alert in case of emergency. The alert can trigger emails and SMS text messages to be sent to headquarters and/or to other Osprey PT's.

For more information

www.gt.honeywell.com

Honeywell Scanning & Mobility

Honeywell Global Tracking
Miller Court, Severn Drive
Tewkesbury, Gloucestershire
GL20 8DN UK
+44 (0)1684 278610
www.honeywell.com

Honeywell