

Transforming ONGC Hazira

Surveillance through
**Industrial Wireless
Connectivity**

A photograph of the ONGC Hazira industrial site at night. The facility is illuminated with bright lights, showing complex structures, cranes, and piping against a dark blue sky. The site is situated on a body of water.

CONNECTING YOUR WORLD

Introduction

Wavesight extended its industrial-grade wireless transmission solutions to ONGC's Hazira site in Gujarat. Partnering with local systems integrator Hexa Geo Systems, Wavesight deployed advanced wireless radios connecting CCTV cameras across the facility to deliver scalable, reliable real-time surveillance in a challenging industrial environment.

Challenge

- Secure continuous video monitoring of critical assets across a sprawling industrial site.
- Avoid high costs and operational disruption from fiber optic cabling deployment.
- Ensure stable, long-range connectivity in a complex industrial setting.

Solution:

- Used Wavesight's high-performance wireless radios to create secure, low-latency links between cameras and central control.
- Hexa Geo Systems managed integration, ensuring full compatibility with ONGC's existing CCTV systems.
- Network designed to be resilient and scalable, mitigating environmental and industrial

Results

- ONGC now benefits from reliable, real-time asset monitoring with minimal maintenance requirements.
- Eliminated the need for costly and disruptive fiber installation, reducing deployment time and expense.
- Established a wireless infrastructure that supports future surveillance expansion and enhances site security.