

Empowering District-Wide Wireles

Wireless Surveillance
for **Karnataka Police**



CONNECTING YOUR WORLD

Introduction

Wavesight's wireless surveillance system enabled the Karnataka Police to achieve secure, real-time monitoring across 10 districts. By deploying advanced pan-tilt-zoom cameras and a resilient wireless backbone, the project addressed the challenges of vast coverage and critical operations, providing the department with uninterrupted live video feeds to district control rooms—key for modern policing.

The Challenge

- Deliver real-time, multi-location monitoring for law enforcement over a wide geographic area.
- Overcome infrastructure limitations and avoid costly fiber installations.
- Ensure surveillance reliability, minimal downtime, and capacity to scale as security needs grow.

The Solution

Wavesight deployed 90 industrial-grade PTZ cameras at key sites in 6 Karnataka districts, all linked wirelessly to district control rooms equipped with multi-screen video walls. Each site included dedicated computers, secure monitoring software, and storage for 40 days of footage. The network leveraged optimized wireless architecture for consistent data flow and future expandability.

Results & Benefits

- Reliable surveillance with instant access to live district feeds, optimizing police response.
- Reduced costs and complexity by eliminating the need for wired connectivity.
- Easily expandable system with built-in resilience, supporting evolving law enforcement needs.

Conclusion

Wavesight's wireless solution sets a new standard for scalable police surveillance networks in India. The project demonstrates how modern wireless architecture can secure large populations and urban centers, with flexibility for future growth.