

Case Study

National Mineral Development Corporation



End User

National Mineral Development Corporation

Location

Kirandul, Chhattisgarh

Vertical Market

Manufacturing

Partners

IndigoVision
Dell

Features

IP cameras – fixed and PTZ
Highly Resilient

Background

NMDC is India's single largest iron ore producer, presently producing about 30 million tonnes of iron ore from 3 fully mechanized mines. The project required deploying cameras to strengthen security in the process areas and other vital locations of the plant at Kirandul Complex. The Kirandul complex is located in the Dantewada district of Chhattisgarh. The project is challenging due to the rugged environmental conditions, remoteness of the site and the sensitive political situation that prevails in the area.

Solution

Neural won the public tender to implement the solution for NMDC. The deployed solution consists of a total of 47 cameras from IndigoVision (UK). The VMS is ONVIF compliant and capable of integrating multiple vendors into a single platform to provide integrated security. The system has built-in support for redundancy and failover. Dell servers and storage are provided as part of the solution. Video is recorded for 30 days at full frame rate of 25fps.

The system was commissioned in March 2012 and is running flawlessly till date with not a single failure of any component.

Customer Benefits

- Distributed architecture with no single point of failure
- Full redundancy and failover of video recording for a span of 30 days
- Fully ONVIF compliant system giving maximum flexibility to choose any third party ONVIF compliant vendor
- Future ready system for integration with 3rd party systems like access control, fire alarms, PSIM, etc.

