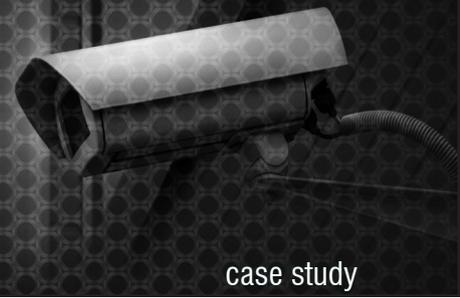# Securing the manufacturing site of a leading Ship Building company

Introduction

CMS implemented a highly integrated and agile CCTV and intrusion detection system for one of the largest Ship Building Companies in India. The company had extremely large premises and given the sensitive nature of work, it had always been at the risk of threats of all kinds.

In order to enable effective Access Control, CMS implemented a robust video monitoring system featuring high-end CCTVs and facial recognition technology. The facial recognition system that was implemented was one of the most advanced in the country and featured motion based facial detection as well. This allowed a person to walk freely past by looking into the facial detection unit and were approved based on the facial ID of the person.

CMS has been maintaining and supporting the company's security and surveillance operations for the last 14 years, when CMS was chosen to implement the solution

Total area covered: 10KM
Total Area Visibility: 6KM

Challenges

Considering the ship building industry generates huge amounts of scrap there are many instances of theft, which eventually make a dent in the long run. In addition to this scrap always has re-utilization value and can also contribute to revenue generation through cross selling.

Before the implementation, this scrap was being stolen in large quantities since scrap was not tagged effectively.

Secondly since the operations of this company were very contract intensive, there were many contractors who would be blacklisted from time to time and still be able to visit the premises without any kind of detection.

As always with any company, CMS had to deal with legacy infrastructure and integration to the backbone. Given its decades of experience in dealing with all kids of technology, the CMS team successfully completed the implementation and is continuously innovating on the implementation since.

Solution

In light of this CMS began the first phase of the implementation in the 2000-2001 period and CMS has been continuously improving and adding more security to this product year on year.

The solution focused on setting up the CCTV infrastructure along with the facial recognition system and integrating these with the technology backbone and various other technology and legacy components in the organization.

Benefits

- The threat levels were reduced due to effective monitoring of site 24X7X365
- Integrated Monitoring
- Integrated Intrusion Detection