



## ICT FOR SECURITY & SURVEILLANCE

### **Give us an overview of the role that Nelco is playing in the defence sector.**

Nelco serves the Indian defence sector in key areas of integrated security and surveillance, and in satellite communication. Nelco started with providing Multi Sensor Intruder Detector Systems, including High Voltage Electric fencing, along with intrusion detection system, covering a length of 160 Kms, along the North West Indian border. We are now looking at providing next generation solutions in fencing, which includes non-intrusive infrared and unattended ground sensors (UGS) that send alerts to computerised command control systems for

advance detection of intrusion even before the fence.

### **Tells us about your perimeter security and surveillance solutions.**

We have also implemented high tech ICT project involving Integrated Perimeter Security, CCTV Surveillance and Access monitoring & Fire alarm systems for DGOS. The project involved 5 locations spanning across three states. This integrated supply of 17 different systems has connectivity on a single OFC (optic fibre cabling) network for monitoring and centralised Command & Control centre. Our engineering teams have now gained strong expertise in implementing C3i & C4i (Control, Communications,

Computers, and Intelligence) projects over the last decade.

### **Tell us about the work that you are doing in the satellite communications solutions sector.**

Nelco acted as an implementation partner in Satcom projects in 2010, which provides satellite based connectivity to 179 Indian Air Force user establishments. The company has also handled niche projects like implementation of Integrated Weather Monitoring Systems at Air Force Base Stations and Integration of high power Electronics Warfare (EW) equipment into EMI shelters & mobile platforms for one of our OEM partners.



### **P J Nath**

CEO, Nelco Ltd. spoke to eGov on the role that Nelco, a TATA Group company, is playing in Indian defence sector

### **What are your plans for the future?**

We continue to pursue specific niche areas in high tech perimeter security systems, mobile VSAT communication systems (COTM) and computerised command control systems. We also make efforts in educating our defence agencies in the art of applying latest ICT technologies.