



Electronics Corporation of India Ltd
(A Govt. of India - Dept. of Atomic Energy - Enterprise)

PRESS RELEASE

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**ECIL demonstrates High Tech Security and Surveillance, Access Control
and Information Security Systems**

Mumbai: Electronics Corporation of India Ltd., a Dept. of Atomic Energy Enterprise in the field of Security Systems, Control and Instrumentation Systems, Communication & Information Technology, demonstrated many High Technology Security and Surveillance, Access Control and Information Security Systems at an impressive Product Demo and Customer Meet at Mumbai on 22nd February 2013.

Speaking on the occasion, Chief Guest Dr. Ratan Kumar Sinha, Chairman, Atomic Energy Commission and Secretary, Dept. of Atomic Energy informed that Security has many dimensions such as Energy, Food, Homeland and Information Security. He praised ECIL efforts in providing security systems to vital and strategic institutions and emphasised that DAE will always support ECIL in all its endeavours to develop indigenous Security Solutions. He also inaugurated the Product Demo and was impressed with the wide range of Homeland and Information Security products and systems displayed by ECIL.

Maj. Gen. (retd) Sanjeev Loomba, Acting CMD, ECIL informed that ECIL has executed many prestigious Integrated Security projects such as Parliament House, Commonwealth Games 2010, Container Scanning Systems to JNPT and other ports, Security Solutions to DAE in Mumbai and Nuclear Power plants across the country.

Live demonstrations of the following products were held in the afternoon session.

1. Integrated Security Systems (ISS)
2. Container Scanning Systems for Ports
3. CBRN(Chemical-Biological-Radiological-Nuclear)Protection Systems
4. Secure Network access System (SNAS)
5. Integrated Threat Management Appliance (ITMA)
6. ECR1000 series High Speed Transport Routers

About ECIL

Electronics Corporation of India Limited (ECIL) was established in 1967 as a Public Sector Enterprise under the Department of Atomic Energy (DAE). The early forays in to consumer electronics has made ECIL a house-hold name and resulted in introduction of many “firsts” in the country such as Digital Computers, TVs etc. ECIL is widely recognised as a torch-bearer of Electronics and IT revolution in the country.

Ranging from miniature components to complex systems and encompassing Instrumentation, Communication and Computer technologies, ECIL today is a multi-product, multi-disciplinary organization providing cutting-edge technology solutions to discerning users in strategic sectors

such as Defence, Atomic Energy, Aerospace, Electronic Security, IT & e-Governance. ECIL recorded a turnover of Rs 1474 Crores in 2011-12.

About INTEGRATED SECURITY SYSTEMS

The Integrated Security Systems mainly comprise of Perimeter protection system, vehicular and personnel access control system, video surveillance system and detection of explosive materials hidden under the vehicles and detecting / jamming / pre-detonating the Radio Controlled Improvised Explosive Devices (RCIEDs). ECIL, by virtue of its strong presence in the Indian Market, wide experience in the implementation of security solutions in the high risk security areas facilitates its customers in choosing the right technologies and integrating them into a comprehensive security system.

About CBRN PROTECTION SYSTEM

ECIL designs CBRN threat protection system with an approach towards establishing a Protection System for buildings of national importance and also for event monitoring. ECIL's design envisages integration of the CBRN equipment into a fool-proof network system to ensure prevention & detection, protection, decontamination and evacuation. The design also provides for a decision support system for classification of threat and subsequent mitigation cum response strategies.

About MULTI ENERGY X-RAY BAGGAGE INSPECTION SYSTEM

Multi energy X-Ray Baggage Inspection System is a computer enabled equipment to identify any contraband item in a sealed baggage. Multi-Energy distinguishes between materials according to their atomic weight and classifies by colour. The materials with Atomic nos.1 to 10 are displayed in orange, 11-19 are displayed in green and 20 to 99 are displayed in blue. Materials of high density are displayed in black.

About ECIL'S CARRIER ETHERNET SWITCH (EC CES) ROUTER

Built with a path-breaking technology EC CES router collapses the lower three layers of the Internet protocol stack into a single layer. This innovative and completely indigenous technology is poised for replacing not so efficient present version of the Internet hierarchy with IP as the dominant network protocol, Ethernet as the MAC protocol and WDM at the physical layer. In addition EC CES Router supports DWDM fabric at layer 1 – hence facilitates excellent fiber utilization and minimizes energy consumption.

About SECURE NETWORK ACCESS SYSTEM (SNAS) AND INTEGRATED THREAT MANAGEMENT APPLIANCE (ITMA)

Secure Network Access System (SNAS) and Integrated Threat Management Appliance (ITMA), the two indigenous network security products from ECIL, protect the enterprise network from internal and external attacks and other threat vectors respectively. ITMA provides an integrated solution for the external threats by screening the traffic at the perimeter level, whereas SNAS verifies whether the end systems in a network are in line with an organisation's security policy and subsequently determines whether the end system is suitable to have access to the network. SNAS and ITMA make the network management simpler, ensure compliance with security policies tangible and ensure bandwidth of the network is controllable.



Dr. R K Sinha, Chairman, AEC/Secretary DAE addressing the gathering



Maj Gen Sanjeev Loomba, Acting CMD, ECIL demonstrating the Homeland Security model



Dr. R K Sinha showing keen interest in ECIL's Information Security products