

# Home-grown cyber products to secure vital installations

## ECIL unveils secure devices to thwart intrusive malware

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**BANGALORE:** Sensitive and strategic installations that are vulnerable to cyber attacks will now be secured with indigenously-made products protecting their electronic networks.

Public sector major Electronics Corporation of India on Friday unveiled a suite of secure devices that will thwart, detect and alert against intrusive and destructive malware that can stall operations of some key organisations.

These are developed for the safety of information networks of power plants, refineries, nuclear, defence and space installations over the past one year, said ECIL Acting Chairman and Managing Director Major General (retired) Sanjeev Loomba.

### High speed routers

In the coming years, the new set of home-grown high speed routers that enable Internet connectivity on computers, products such as ECIL's Secure Net Access System and Integrated Threat Management Appliance, he said, were expected to be preferred in large numbers to some of the imported MNC products that tend to allow cyber intrusions.

These have been developed in technology tie-ups with Bhabha Atomic Research Centre, IITs and the Chennai-based SETS.

The Advanced Carrier Ethernet Switch Router de-



Maj. Gen. (retd.) Sanjeev Loomba (left), acting CMD, ECIL; P. Viswanath, GM, ECIL; P.V. Ananda Mohan, Sr. Tech Expert, ECIL; and V.V.R. Sastry, ED, C-DoT, at an ECIL product programme in Bangalore on Friday. — PHOTO: K. GOPINATHAN

veloped by IIT Professor Ashwin Gumaste was tried in RailTel this month and the National Knowledge Network used by defence units expects to "ride it".

"A major problem facing us is that we may be pierced, our networks may be intruded upon from anywhere. There is a tremendous amount of utility for these routers which are very secure and extremely power efficient besides being fully indigenous," Maj. Gen

Loomba told *The Hindu* during the company's Bangalore roadshow.

"In the last 10-15 years, a lot of intrusions have taken place in the cyber space that can shut down systems. Today, the demand in the country is for secure products," he said.

As part of a major government initiative taken up over the last four years by apex agencies, ECIL, he said, had come up with half-a-dozen

secure products to address this need.

Another security aspect was CCTV-based surveillance systems on the premises of VVIPs, courts, markets and key installations and the proposed Smart City projects in Delhi and Mumbai, scanners at airports and radiation detectors.

Next on the anvil was facial recognition system.

As many as six routers were produced in November last

year and the advanced version would follow soon. The routers would mean a business of Rs. 100 crore for ECIL in two years.

"If our products move forward as we expect them to, we could save foreign exchange in the next two years," Maj. Gen. Loomba said.

The cyber security products now formed a small 5-10 per cent of its turnover of Rs. 1,700 crore but looked set to treble in five years.

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