



Electronics Corporation of India Limited
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PRESS RELEASE

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Inauguration of Carrier Ethernet Network in Mumbai
(based on ECIL's Carrier Ethernet Switch Routers)

The Mahanagar Telephone Nigam Ltd (MTNL) and the Dept of Atomic Energys Electronic Corporation of India Ltd entered into a strategic partnership by creating a state-of-the art network using indigenous routers that were developed by the Indian Institute of Technology, Bombay.

The network was today inaugurated at Mumbai by the Principal Scientific Advisor (PSA) to the Government of India, Dr. R. Chidambaram. The event was organised by Chairman and Managing Director, ECIL Shri P Sudhakar and Chairman and Managing Director MTNL , Shri A. K. Garg. Dignitaries from various government organizations such as BARC, IIT and NIC graced this prestigious event.

The Carrier Ethernet Switch Routers were developed to answer the nations needs towards providing secure and low-cost communications platform that would be beyond what is offered as state of the art by foreign vendors and other providers. Key features of these CESR routers are high speed and low power consumption.

The CESRs/ Routers have been conceptualized, developed by IIT Bombay and productized by ECIL. ECIL has taken up this technology as part of indigenizing telecom infrastructure. Today, this technology has reached its maturity and is deployed in a state of the art city-wide metro network. Through this network, MTNL will launch carrier-class Ethernet services to meet its customers bandwidth needs.

ECIL made Routers in MTNL network will create a new network infrastructure that would serve as first indigenized effort in the telecom domain. Given the recently expressed concerns about network security, the network based on these Routers will infuse new confidence given its complete reliance on indigenous technology.

A new benefit of the CESR network for MTNL is that it would be the first of its kind network conforming to the *software defined network* philosophy. This would help MTNL customize services based on individual customer needs. This will also boost bandwidth demand and broadband infrastructure in the city of Mumbai.

Attached Photos:



1. ECIL's Routers



2. Dr. R Chidambaram, PSA to Govt. of India (seated) inaugurating the network. To his right is Shri P Sudhakar, CMD ECIL and to his left is Shri AK Garg, CMD MTNL.

About ECIL: Founded in 1967 with self-reliance as its guiding beacon, ECIL pioneered a number of products and technologies. These include Solid State Television, Digital Computers, Cockpit Voice Recorders popularly known as Black Box, Electronic Voting Machines, Programmable Logic Controllers, Earth Station and Deep Space Network Antennas. ECIL is widely recognized as a trailblazer in Electronics and Information Technology in the country.

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