



**Electronics Corporation of India Limited**  
(A Government of India - Department of Atomic Energy - Enterprise)  
HYDERABAD - 500 062

**PRESS RELEASE**

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Dr. Anil Kakodkar, Member Atomic Energy Commission unveiled ECIL made MPROGICON Programmable Logic Controller today at a glittering function in Hyderabad attended by a large number of users and experts from around the country.

The new high performance, industrial strength Programmable Logic Controllers developed by ECIL promise to mitigate the security concerns arising out of potential malware in these vital equipment which often form the nervous system of our industrial plants. Every component that make up the ecosystem of a modern PLC – the semiconductors which power its computation engines, the application development tools which generate run – time code for the PLC, the desk top computers / work stations which host the development tools, the network components which carry bits and bytes around – is vulnerable to malware – either maliciously introduced (pre-built) or introduced subsequently through the known vulnerabilities in hardware/software. These vulnerabilities are extremely difficult to detect. From a security stand- point, it is prudent to assume that these vulnerabilities will be known to some and hence pose a potential security risk.

Sri Y S Mayya, C&MD ECIL stated that ECIL will be targeting these PLCs at Strategic sectors of Atomic energy, Defence, Aerospace and Homeland security where safety and security cannot be compromised. He also stated that currently Indian market is dominated by foreign brands which due to commercial reasons do not expose their designs and software for full verification. There have been problems of denials and end-user restrictions in past. In a statement ECIL stated that these 3<sup>rd</sup> generation of PLCs consume less power, run cool, meet international standards and are equally well suited for automation applications in thermal power plants, process industry, transport and manufacturing industry. The product encapsulates company's decades of experience in deployment of PLC for automations in Nuclear energy, oil & gas and manufacturing sectors.

The launch of this product also gains significance in light of new policy by Gol giving preference to Indian electronic equipment where security sensitivities exist. Last month ECIL has introduced two new products viz, Carrier Ethernet Router and Secure Network access system.



Dr Anil Kakodkar releasing the PLC Brochure



The Chief Guest launching MPROGICON PLC



Dr Anil Kakodkar addressing the distinguished gathering