

TARA AEROSPACE LIMITED, HYDERABAD



Company Profile:

Tara Aerospace and Defence Products A.D. acknowledged as the leading independent manufacturer of Pyrotechnical Aviation Cartridges. Being equipped with modern environment testing facilities and by conducting 100% performance and conformity tests, Tara is ensuring OEM specifications and highest quality of its products.

Challenges:

- Difficult in running the CNC Machine due to less memory in CNC Machine.
- **M/s. Tara Aerospace** was unable to transfer the programs from their CAM computer to CNC machines as their CAM department is located in different building.
- Frequently removing the memory card from m/c and copying the file From PC and running the machine. They need to connect all the CNC Machine in One Server for program transferring.



Key Benefits:

- We recommended "**CIMCO DNC Max Software**" and we implemented LAN Based DNC System for 20 Machines (17 M/c's with RS232 & RJ45).
- Various CNC machines are connected through "**CIMCO DNC Max Software**" so that machines can be controlled under single window application.
- They are using "**Back plot**" Option in "**CIMCO Edit**" for Simulating the CAM Program in PC.
- The 3 Thermwood machine has been connected through RJ45 by using "**Directory Monitoring Template**"