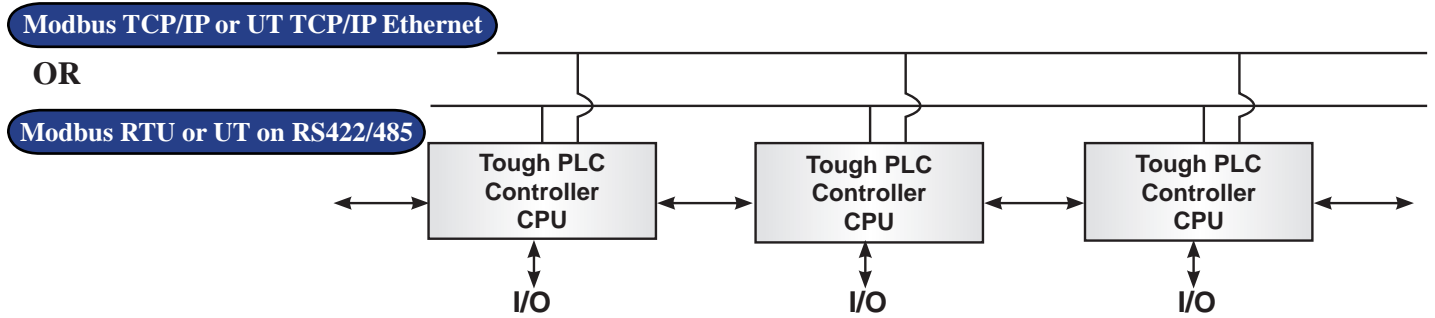**Tough PLC ™**
Director 1050

Distributed Control from 8 I/O to 2048 I/O

Each PLC Base can work alone or Operate as Distributed Control at Fraction of Cost!

Many control applications require local controllers working in conjunction with each other forming what is known as a Distributed Control Network. Each local controller has its own CPU and I/O to provide local logic to achieve higher system reliability (you are not counting on one master PLC to control the entire system) as well as higher speeds. Yet the controllers need to work in seamless synchronization as one control system. There are many systems out there in the market from suppliers that service the process control inductry such as Honeywell and Foxbro. However the starting price for these system is over 1 Crore!!

Tough PLC changes the Distributed Control Paradigm

Modbus TCP/IP or UT TCP/IP Ethernet

OR

Modbus RTU or UT on RS422/485

Tough PLC Controller CPU — I/O

Tough PLC Controller CPU — I/O

Tough PLC Controller CPU — I/O

Tough'n'Smart™

All the PLCs in the Distributed Network can be programmed either locally or through one port

Each local CPU with 64KB of Memory and 40MHz coldfire Risc processor capable of 60µs screw-to-screw response.

Tough
PLC