

## Motorola ACE3600 vs. MOSCAD Highlights



- **Main Features**

- Two plug in communication boards per CPU versus single plug in board provides enhanced system design flexibility
- Allows integrating up to 5 different ports versus 3 ports (IP or serial) provides powerful communication options
- Each DI module offer up to 16 fast counters on 16 DI versus 2 per DI Module allows implementing wide range of new applications
- Analog Input 16 bit resolution versus 13 bits – provides opportunity for more accurate measurement
- Extended - 40 to +70 deg operating temp versus - 30 to +60 deg enhance the system reliability
- Provides Hot swap for all I/O Modules w/o application stopping, which allows convenient RTU maintenance options
- Allow connecting up to Three IP ports versus single IP Port allows connecting to more than one LAN network at a time
- User port on IP or RS-232 versus RS 232 only in MOSCAD allows extended range of protocols running on the RTU
- Wide range of AC and DC power supplies versus AC only in MOSCAD allows flexible voltage ranges for AC or DC connectivity

- **Power supply**

- ACE3600 RTU application controls the voltage outputs versus fixed output from the MOSCAD power supply
- Battery diagnostics versus simple battery voltage measurement
- Rechargeable Lithium battery vs. non chargeable (MOSCAD) or no battery (MOSCAD-L or MOSCAD-M)

- **I/O Modules features**

- Configurable DI and DO on the same module versus fixed hardware DI or DO per module
- Double density I/O options versus MOSCAD or MOSCAD-L provide reduce space needed for the RTU. Half board or full board options.

- **Programming Features**

- In STS capability to save to user library configurations of ports, I/Os, RTUs, project for later use versus ToolBox
- C compiler provided by Motorola free (based on GNU) versus costly C compiler from 3<sup>rd</sup> party

@@@@@@@@@