Improve Robot Availability with EtherIO
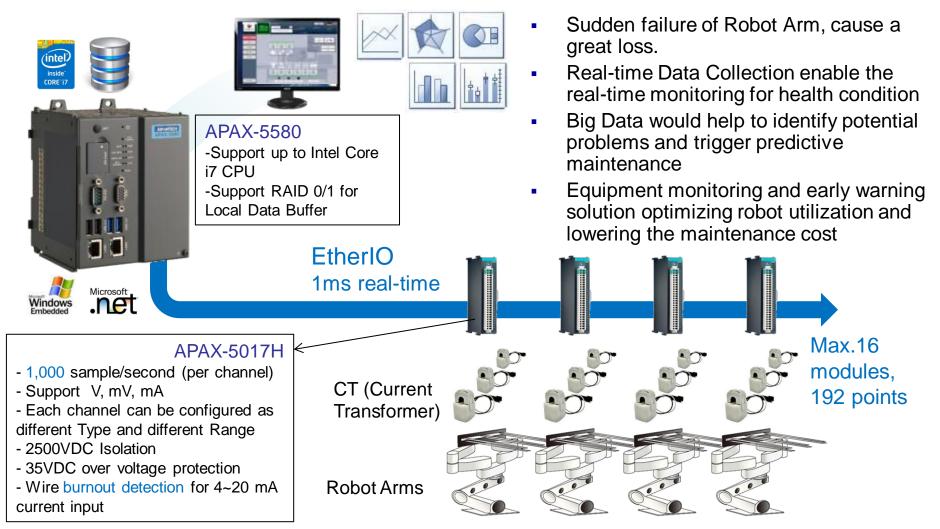
Collecting Real-time Big Data to Enable the Predictive Maintenance

APAX-5580
- Support up to Intel Core i7 CPU
- Support RAID 0/1 for Local Data Buffer

- Sudden failure of Robot Arm, cause a great loss.
- Real-time Data Collection enable the real-time monitoring for health condition
- Big Data would help to identify potential problems and trigger predictive maintenance
- Equipment monitoring and early warning solution optimizing robot utilization and lowering the maintenance cost

EtherIO
1ms real-time

APAX-5017H
- 1,000 sample/second (per channel)
- Support V, mV, mA
- Each channel can be configured as different Type and different Range
- 2500VDC Isolation
- 35VDC over voltage protection
- Wire burnout detection for 4~20 mA current input

CT (Current Transformer)

Robot Arms

Max.16 modules, 192 points

Enabling an Intelligent Planet

ADVANTECH