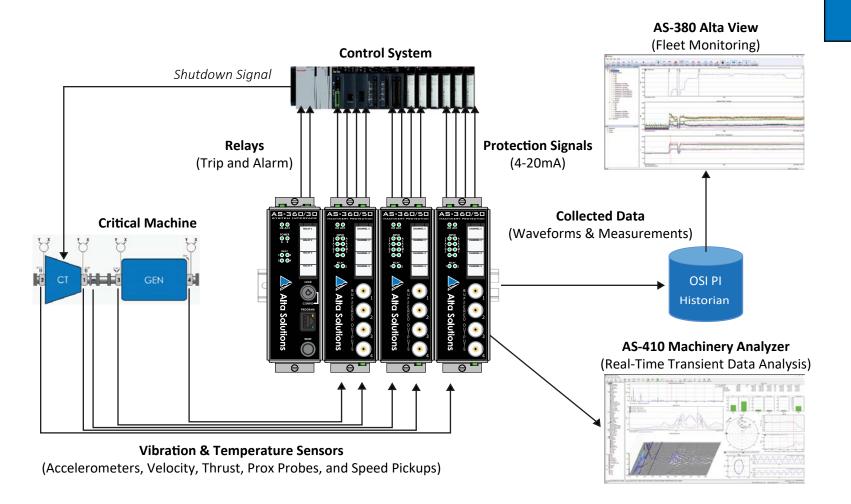
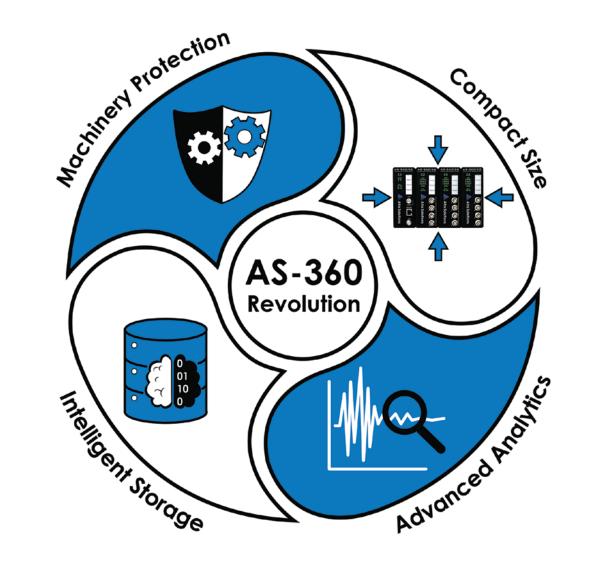
# AS-360 Revolution - Compact Machinery Protection System

# AS-360 REVOLUTION



**ADVANCED COMPACT MACHINERY PROTECTION SYSTEM** 



Contact Alta Solutions for the latest specifications and ordering information.



Alta Solutions Incorporated 12580 Stowe Drive, Poway, CA 92064 USA Toll-Free Phone: (877) 258-2765 Email: sales@altasol.com, Web Site: www.altasol.com



### FEATURES

- Space efficient and feature rich to encourage replacement of legacy protection systems
- Digitally store rich vibration data on machinery start-up, shut-down, and trips for off-line analysis
- Ethernet cable access to real-time transient analysis data without use of additional analysis gear
- Supports multiple interfaces to transfer machine data and status to existing plant infrastructure



## REAL-TIME MACHINERY PROTECTION • COMPACT INDUSTRIAL DESIGN • CONTINUOUS MACHINERY MONITORING • INTELLIGENT ALARMING AND SHUTDOWN

### NEXT GENERATION VIBRATION PROTECTION

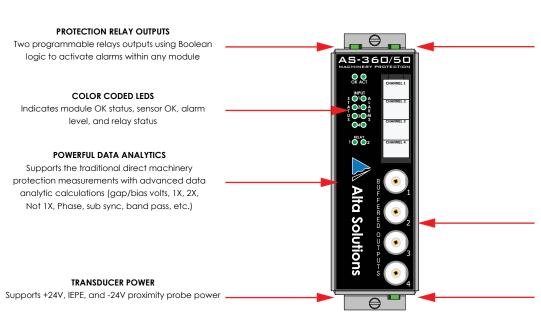
The AS-360 Revolution compact machinery protection system combines Alta's field-proven signal processing and machine protection expertise in an API-670 compliant system. It interfaces with plant historians and data analytic engines while capturing high resolution data to enable plant personnel to conduct basic troubleshooting to determine why a machine tripped.

### COMPACT AND INDUSTRIAL DESIGN

This robust system is specifically designed to be mounted in small enclosures, allowing for close proximity to the machinery skid. By doing so, it effectively minimizes sensor wiring, reduces ground loops, cable attenuation, and cross talk.

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# AS-360/50 Machinery Protection Module



# AS-360/30 System Interface and Processing Module





THERMOCOUPLE SENSOR INPUTS Supports thermocouples (J, K, E, T, N, and S)

#### 4-20mA RECORDER OUTPUTS

Four programmable 4-20mA outputs to send protection measurements to control systems

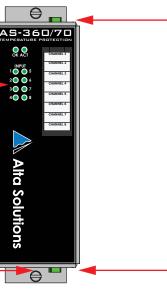
### **BUFFERED OUTPUTS**

Standard BNC outputs to allow the vibration experts to easily connect to their external analyzers

#### VIBRATION AND SPEED SENSOR INPUTS

Supports and powers multiple sensor types (accelerometer, displacement (proximity) probes, velocity, speed, phase, pressure)

# AS-360/70 Temperature Protection Module



#### 4-20mA RECORDER OUTPUTS

Eight programmable 4-20mA outputs to send protection measurements to control systems

**RTD SENSOR INPUTS** Supports 2/3/4-wire RTDs (PT10, PT20, PT50, PT100, PT200, PT500, and PT1000, NI120, CU10)