



What is the cost of your downtime when your sensitive electronic controls fail?



Ninety percent - 90% - of power quality issues are caused by the operation of your own equipment.

The advantage of the EP Power Performance System is its unique ability to absorb the harmful transient surges and high frequency noise rather than returning these damaging anomalies back into the ground or connected electrical system.

EP Products Specified:

EP-2000 Field Protection
EP-2500 Switchgear Protection



AMERICAN AXLE & MANUFACTURING

The Situation:

American Axle & Manufacturing is a Tier 1 automotive supplier to the "Big 3" in Detroit, Michigan. Assembly line uptime and extension of equipment lifecycles needed improvement. The high end capital equipment used to bore, cut, drill, press, shear, rotate, bend, etc. is all digital logically controlled. **The critical issue in the automotive sector is the predictable availability of technically advanced process manufacturing equipment.** The loss of availability of this equipment could result in real revenue losses upwards of \$10,000 to \$30,000 per 15 minutes of lost production.

The EP Solution:

The EP-2000 and EP-2500 have been specified to replace Cutler-Hammer and Psytronics product on process control machines that American Axle & Manufacturing specifies. **The EP products provide superior surge protection, lower price point, and advanced filtration capabilities that prevent sensitive electronic controls from premature failure** due to heat and ground loops that result from capacitive switching, which produces high frequency resonance in the system. Further escalating the problem was that previously deployed MOV based surge protection devices shunt high magnitude (voltage and current) transient events to ground. This action produces a poor ground reference for electronics functionality and causes random memory wipe, board failure, and ultimately downtime. The EP products prevent all of these issues.

The Result:

American Axle & Manufacturing enjoys continued comparative successful financial performance amidst the challenging climate of the automotive industry sector. Their streamlined approach and commitment to quality suppliers and advanced technology insures continued success by providing reliable systems at competitive price points. **The limited exposure to unnecessary downtime allows them to benefit from successful ROI results** and gives them the ability to meet financial goals/commitments.