

## **Data Systems Performance Engineering LLC Transient Protection/Lightning Protection Services**

- Investigate problems caused by lightning strikes
- Review existing lightning protection systems
- Design new lightning protection systems
- Recommend changes to existing lightning protection systems to mitigate problems caused by lightning strikes
- Compliance with NFPA 780
- Expertise in air terminal theory, dissipative air terminal technology, special grounding requirements for lightning protection systems
- Measure and evaluate transients on conductors (frequency, magnitude, waveshape)
- Recommend proper transient protectors for power lines, data lines, I/O wiring to protect against degradation due to transient energy