

## Protection from Lightning Damage

According to the National Lightning Safety Institute, damage from electrical surges is one of the leading causes of electrical equipment failure. The most obvious source is from lightning, but surges can come from a variety of other sources, too. Power surges may come from external sources like lightning or internal sources like fax machines, copiers, and air conditioners.

One overlooked source of power surge damage comes from failing to protect sensitive electronic equipment connected to telephone/ fax lines, cable or satellite systems, and local area networks (LAN). Power surges can quickly travel along these sources of electric current, damaging your equipment. By simply adding a surge protection device to these systems, you can greatly increase your chances of avoiding costly repairs and downtime. It is also important to connect this equipment to a surge protection system that is properly sized and installed.

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If you have a safety or risk management question or a suggestion for a topic, please contact Markel's Risk Management Department at [safety1st@markelcorp.com](mailto:safety1st@markelcorp.com).