

Protect your lifestyle from storm-related damage

How to safeguard your precious equipment from lightning



Schneider
Electric™

213 000

insurance claims for residential
lightning-related damage
in the USA over one year

Source: Insurance Information Institute, 2011

*“We could see double or triple, even more, in the
number of lightning strikes by mid-century.”*

Source: Dr. Martin Uman, Univ. of Florida Lightning Research Center

You depend on technology. What happens when it's damaged?



You've invested a lot in the technology that makes your family's lives easier and more enjoyable. And yet, one single lightning strike is capable of destroying it all. From computers and televisions to alarm systems and washing machines, any plugged-in device — large or small — is at risk.

Schneider Electric™, the Global Specialist in Energy Management™, has designed this brochure to help you easily find the right solution.

\$5112

Average value of lightning-related insurance claims

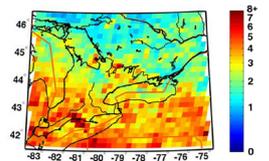
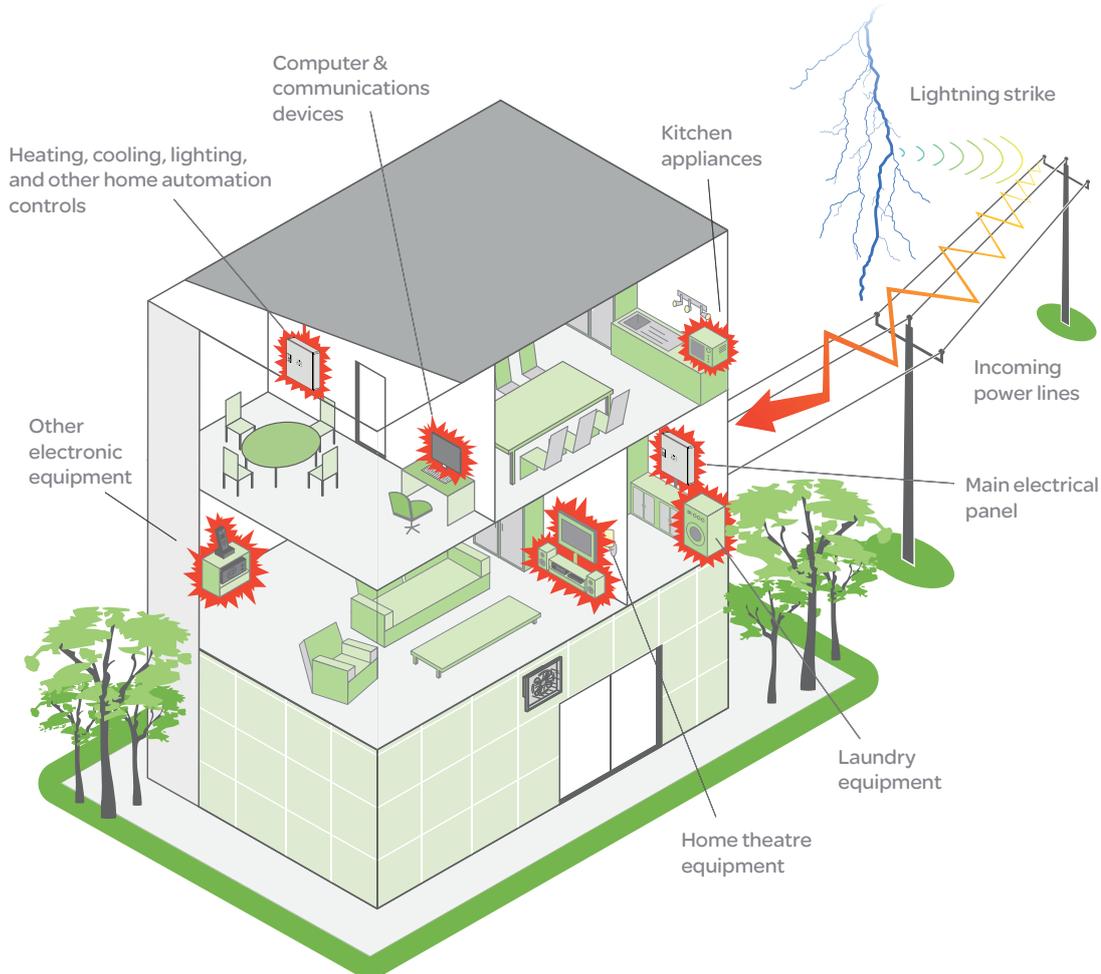
Source: Insurance Information Institute, 2012



93% growth in cost per lightning-related insurance claim over seven years ... due partly to increase in value of electronics in homes.

Source: Insurance Information Institute, 2012

A distant lightning strike can still damage your electronics



Though the odds of lightning striking your home directly are slim, the truth is that one bolt need simply touch down near the electrical supply system, even quite far away, to be just as destructive to sensitive devices connected to any power outlet.

The tens of thousands of volts created by a lightning strike can run along the supply lines to reach your precious equipment.

Think you're already protected? Think again.

You may have already taken steps to protect against lightning, but it may not be enough. For example, a lightning rod will protect your

home from fire, caused by a direct strike, but it will not stop damaging surge current from flowing through to every electrical outlet.

As you won't be home every time a storm passes, disconnecting every device from its outlet just isn't a practical solution.

The good news

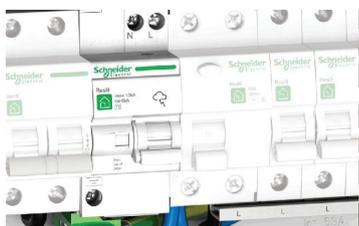
Reliably protecting your home's contents from lightning damage is quick, easy, and affordable.

8 million lightning flashes strike the earth every day. Your local weather office can provide lightning density maps to help you determine your level of risk.

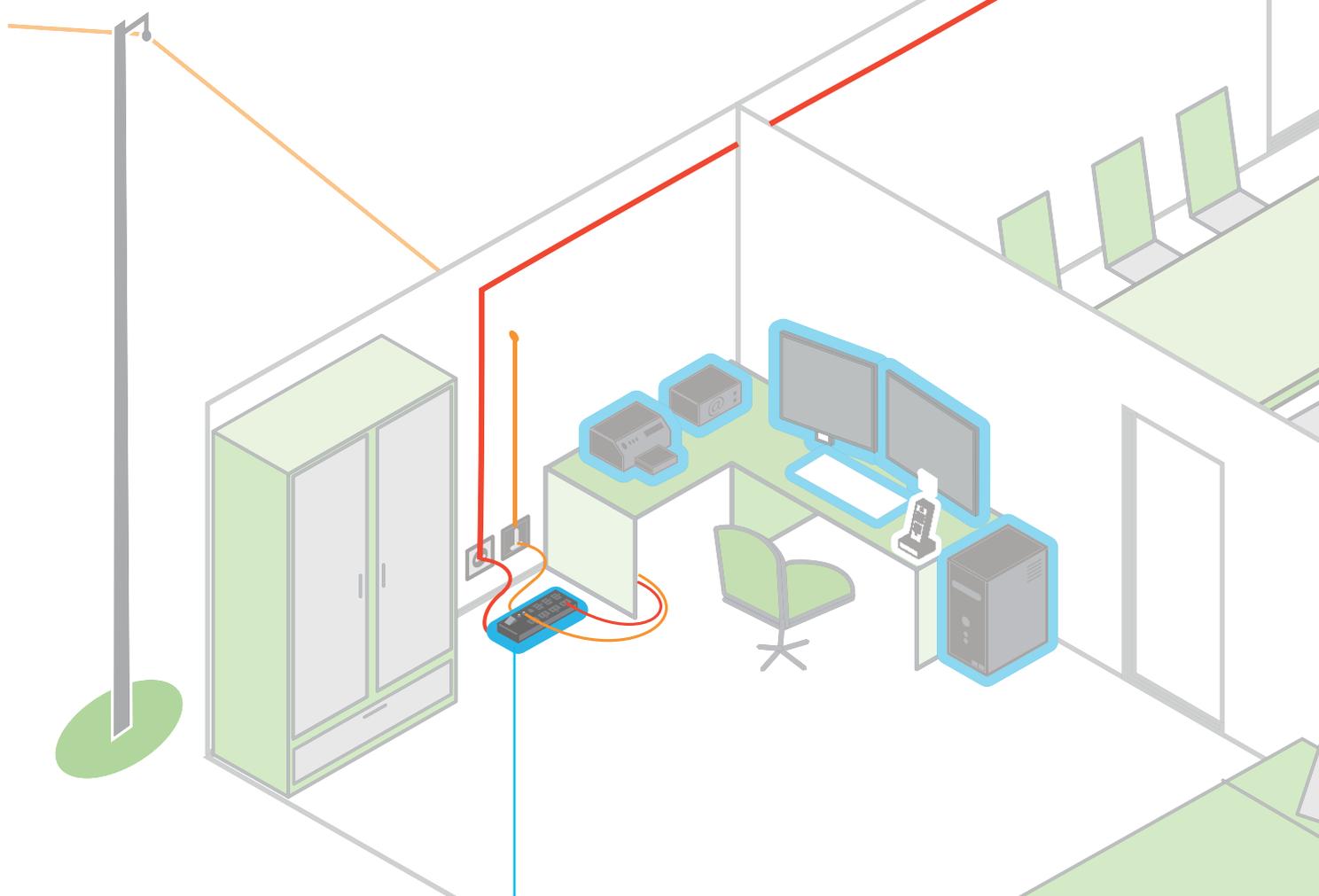
Source:
globallightningdetection.com
Lightning map courtesy of
Environment Canada, ©2012.

Peace of mind thanks to a complete lightning surge protection solution

Surge protection devices at the electrical panel



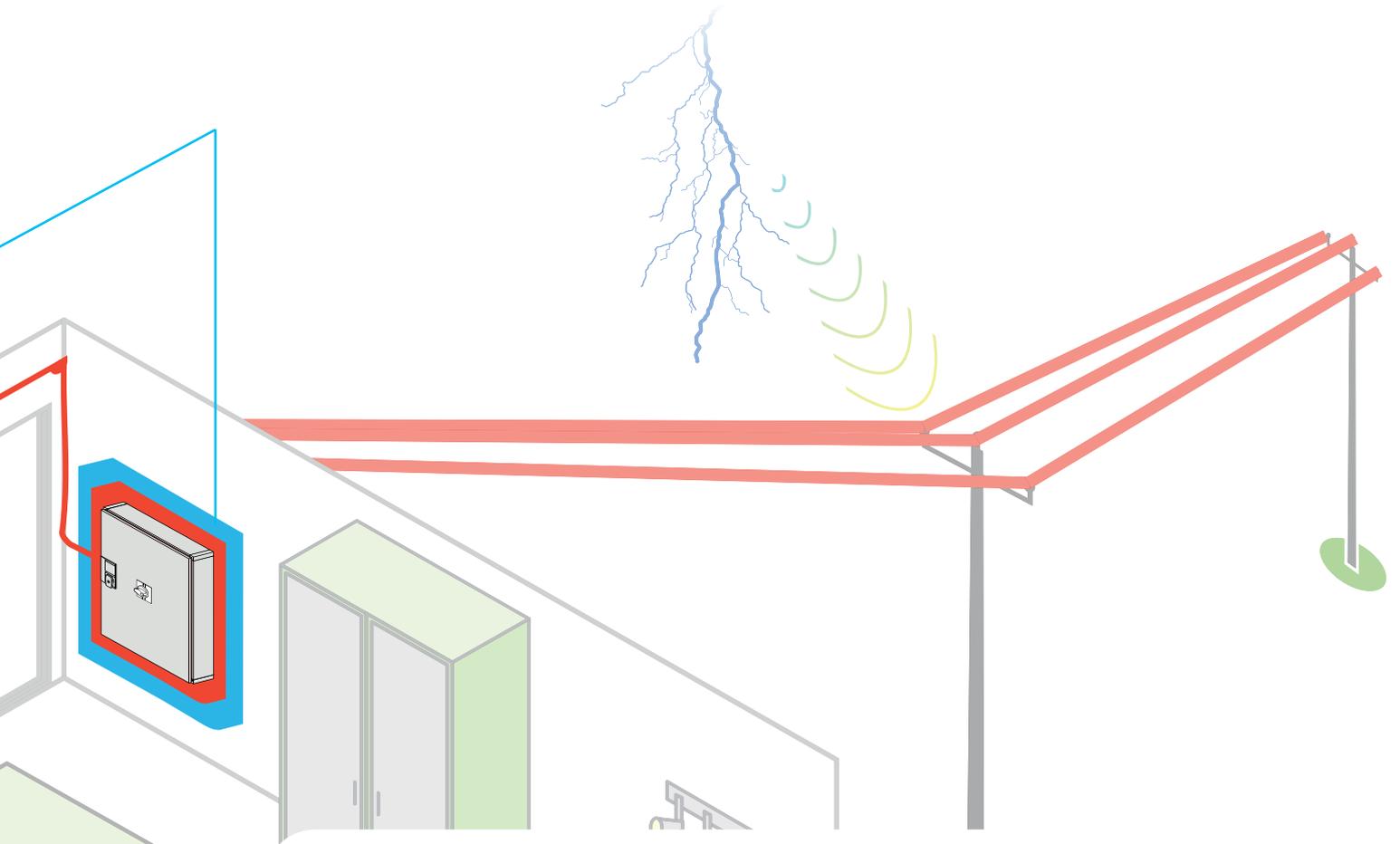
A single surge protection device (SPD) installed in your main electrical panel will protect every electronic device in your house from costly, inconvenient power surges. And SPD is the only device that can prevent the extremely high surge currents traveling along power lines, giving you the peace of mind that your digitally-stored photos, videos, and important data are safe.



Power strips close to the most sensitive loads



Power strips with integrated surge suppression can provide an additional level of protection in close proximity to your most sensitive equipment. They may also provide network protection to stop surges from traveling through communication cables to televisions, telephones, modems, and computers.



Does your building code or insurance require an SPD?

If you live in a region where lightning occurs frequently, local building codes and home insurance policies may have specific requirements for surge protection to be

installed in certain situations. You should consult your local electrician and insurance agent to determine if your home requires an SPD.

Trust your electrician to make your home safe



Safety is serious business — and it can be very technical too. Only qualified electricians can make your home safe and protect your family and equipment.

Schneider Electric works constantly and closely with electricians. We train electricity professionals and keep them up to date with new products and regulations. That's because our business is to make your home safe, comfortable, and energy efficient.

Because electricians are qualified professionals, they know rules and practices inside and out, and are in the best position to help ensure your home's electrical safety. Need to check your electrical installation? Rewire or replace faulty or ageing parts? Upgrade your safety system so that it complies with current standards? Trust your electrical contractor, and ask him about Schneider Electric solutions.

Want to learn more?

Visit www.schneider-electric.com/lightning-protection today to see how lightning can affect your home, and get more information about surge protection.

 **Make the most of your energySM**

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