


# Risky Business

What You Need To Know About...

## Power Surges




The probability of your facility experiencing a power surge is 100%.


The most practical way to protect your valuable equipment from power surges is to install a Surge Protection Device at the main circuit breaker panel.

You can rent a Surge Protection Device from your electrical provider for as little as \$3/month. They install it and replace it if it breaks.


Electrical industry experts estimate that businesses lose almost **\$25 billion dollars** every year from power quality issues.



Lightning is a leading source of power surges.



A business that experiences a computer outage lasting for more than 10 days may never fully recover financially and **50% of these companies will be out of business within 5 years.**



What type of equipment is affected by power surge?

The most susceptible equipment to power surges in a building is sensitive electronic equipment such as:

- Computer
- Motor Control
- Data Server
- Video Monitor
- Security System

**Fact:**  
40% of computer data loss is caused by power surges.

**Fact:**  
Power surges are so brief that they are measured in nanoseconds, microseconds, and milliseconds.



**Trivia:**  
What do brownouts, heat waves, thunderstorms, car accidents, and squirrels all have in common?

They can all cause a power surge.