

# Introduction to SPGS America

Established in September 2010, Safety Protection Grid Solutions, Inc. (SPGS America) is a progressive corporation with a **focused mission**:

***We are committed to the prevention of electrical equipment failure and bodily harm for all residential, commercial, and industrial settings. By providing superior surge protection products as well as electrical grounding system design and implementation, we can reduce unnecessary equipment failure and prevent potentially deadly electrical hazards by safeguarding our customer's equipment properly the first time. Through taking a holistic approach we can protect any home or business from preventable losses.***

We efficiently provide industry-recognized expertise to customers wisely addressing the susceptibility of their "business dependent" electrical and communications\* systems to power disturbances occurring at their facilities. These systems include telephone systems; computer systems and networks; industrial, automation and remote control systems; alarm and security systems; radio systems etc. SPGS America offers consulting and other supporting electrical services for widely varying organizations and locations. SPGS America is a distributor of the complete line of Emerson Surge Protective Devices (SPD's) for AC, DC, CATV, CCTV, Data, Telco and other control devices.

**SPGS America has performed services for leading organizations** such as:

- Telecommunications Companies
- Manufacturing Companies
- Educational Facilities
- Medical Facilities
- Commercial Facilities and More

All of these organizations are seriously involved with ensuring continuous communications services and production lines.

**Locations served vary widely** and include large industrial and factory complexes, high-rise public telephone utility buildings, cellular radio sites, 911 emergency communications centers, call centers, internet service provider (ISP) spaces, commercial office building campuses and spaces, retail business buildings, single residences and outside communications facilities - both wired and wireless.

**SPGS America staff includes industry-recognized experts with extensive design and application experience (60+ years) in electrical power and telecommunications systems.** Expertise is focused on industry-accepted recommended practices for powering, grounding, electrical protection and compatibility of electronic equipment - for both public utility (regulated) and commercial (non-regulated) locations. **SPGS America strives to meet and exceed recommendations of applicable codes, standards, and practices** promulgated by organizations such as *ANSI, ATIS, BICSI, IEEE, NFPA (NEC), RUS, TIA*, etc. These recommendations include power-systems quality and electrical safety, grounding-bonding and shielding,

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lightning-surge-static protection, interference control, electromagnetic compatibility and inductive coordination and noise mitigation of outside communications facilities.

**Accordingly, SPGS America addresses critical design and installation factors** that include:

- 1) The distribution of both power and communications wiring and cabling.
- 2) The grounding and bonding of equipment and apparatuses.
- 3) The coordinated application of surge protective devices (SPD's).
- 4) The conditioning of the power-waveform.
- 5) The structure's lightning protection system.
- 6) Other necessary electrical protection apparatuses and devices.

These factors are duly incorporated into SPGS America, Inc. services.

**GroundingPlus service offerings include technical consultation, troubleshooting, incident analysis, site evaluation and audit, design and applications engineering, test acceptance and development of system-practice documentation.** Installation services are available for items such as power, grounding and electrical protection systems, devices and apparatuses. Services for outside communications facilities such as telephone cable grounding and bonding are also available.

More information about SPGS America is available at our website [www.spgsamerica.com](http://www.spgsamerica.com). Please call us at **419-522-3030** or **888-219-9247** - or contact us by email [Sales@spgsamerica.com](mailto:Sales@spgsamerica.com). Thanks for your interest in our company. We look forward to helping you find cost-effective solutions to your power disturbance issues!

\*Includes any type of communications utilizing electrical signals as defined by the *Telecommunications Industry Association* (TIA).