The Franklin Lightning Rod has been the standard in lightning protection for over 250 years. Its inventor, Ben Franklin, sought to channel lightning through a pointed metal rod and ground it, preventing injury and damage to people and property.

Fast forward to today; Climate and weather has become more severe, buildings are made from more conductive materials like steel and aluminum and population has increased 100 fold. In addition to these changes, sensitive electronic devices have become common place in all of our lives. From Data Servers and Super Computers to Radar and Cell Towers, nearly everyone on the planet depends on devices that can be affected or destroyed by lightning.

With all the advances in science, construction and medicine, lightning protection has stayed nearly the same…Until Now.

A modern society demands technological advancement. Over a decade ago, in a small lab in the mountains of Andorra, a scientist obsessed by lightning invented what he called the PDCE or a Lightning Rod that Deionizes the Air. This device, known as the HALO™ Lightning Suppressor, uses the science of deionization combined with practice of grounding to PREVENT LIGHTNING before it strikes.

The HALO’s technological capabilities and protection levels exceed any other product on the market.
The HALO Lightning Suppressor is the newest and most advanced form of lightning protection, offering 100% lightning prevention rather than warning or the standard ‘attract and ground’ system. The HALO is a non-polarized aluminum capacitor with an insulator separating the two semi-circular plates.

The TOP of the HALO charges to mimic the surface and structures on the earth. The BOTTOM of the HALO charges to mimic the bottom of the storm cloud.

The HALO dissipates the opposing charges at a rate of 640,000 and creates an area of protection where lightning cannot strike. The positive and negative charges are channeled harmlessly down a copper grounding wire to a grounding rod.

A single unit can protect an area of 337,000 square feet with a protection radius of diameter of 672 feet. The unit requires no power, has no moving or electronic parts and is warrantied for 10 years. It is weather proof, rust proof and has a minimum visual footprint which makes it ideal for any installation.
INTERNATIONAL CLIENTELE
NOT A SINGLE RECORDED STRIKE ON A PROTECTED FACILITY IN 10 YEARS

PANAMA CANAL
Lightning storms were causing as much as 30% downtime for crane operators. After the installation of the HALO PDCE units, downtime was reduced to Zero % with no recorded lightning strikes.

CELL PHONE TOWER - INDONESIA

ASUNCION NATIONAL SOCCER STADIUM
Prior incidents prompted search for alternate protection. No lighting strike since installation.
HALO™: FIELD APPLICATIONS

APPLICATIONS

HALO Lightning Suppressors can be used anywhere to protect people, property and structures of any kind. Some current installations include:

COMMERCIAL
* Oil Rigs/Wells
* Petroleum Storage
* Gas Stations
* Shipping Ports
* Hospitals
* Airports
* Hotels
* Marinas
* Boats & Yachts
* Sporting Facilities

INDUSTRIAL
* Manufacturing
* Solar Fields
* Wind Turbines
* Mining Facilities
* Storage Facilities
* Cell Phone Towers
* Power Plant / Grid
* High Tech Facilities
* Oil Tankers
* Silos, Smoke Stacks

MILITARY
* Radar Facilities
* Communications
* Naval Bases
* War Ships
* EMP Defense
* Fuel & Ammo
* Air Bases
* Drone Ports
* Naval Vessels
* Forward bases

GOVERNMENT
* Police / Fire Comms
* Schools
* Universities
* Monuments
* Emergency Services
* Data Storage Facilities
* National Parks
* Parks & Beaches
* Essential Infrastructure
* Fuel Storage

The potential applications for the HALO Lightning Suppressors are endless. The high coverage area and low cost of ownership makes this device ideal for residential applications as well.

_The Halo Lightning Suppressor is the only device proven to stop lightning from striking in lab and field tests._