

Global Technology Revolution



Electronic Infrastructure Reliability
Increasing Corporate Profitability
Equipment Downtime Reduction



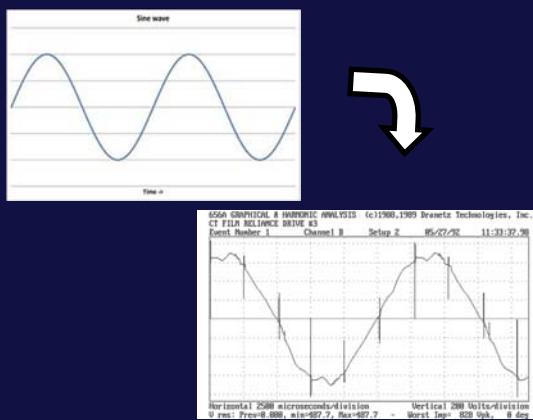
"we ARE the Standard"

Technology at work for your company



SOLUTIONS NOT PRODUCTS

- INCREASED PROFITABILITY.
- REDUCED DOWNTIME.
- INCREASED OUTPUT.
- BENEFIT FROM TECHNOLOGY.
- PROTECTED INVESTMENT.
- REDUCED ERRATIC OPERATION.
- REDUCED INVENTORY COSTS.
- INCREASED EQUIPMENT LIFE.
- SECURED OPERATIONAL INTEGRITY.



The ever advancing invasion of technology in virtually every area of our lives in the 21st Century has its advantages. Technology has radically improved the lives and lifestyles of multitudes in the area of medicine, communication and education. It has not, however, come without a price—tangible as well as intangible.

Digitalization has been promoted as the shortest route to an easier and more productive life as well as a more profitable business. Unfortunately for many, the fullness of the digital age and its benefits has been derailed somewhere between invention and implementation. Therefore the trumpeted benefits of the technology and digital revolution have yet to be fully realized by much of the world.

It would be extraordinarily rare for such radical change in one area of society to have little to no effect on other sectors of society. It is no different with technological advancement (or the digital age). In many ways, this trend appears to largely be ignored by the power quality industry—which is nearly a billion dollar market. That is until now!

Electrical Power Pollution

The environment for technology cannot be ignored any more than the global environment can be ignored.

Very little has changed about electricity since it was first introduced into households in the late 1800's. The sinusoidal wave remains the same in 2014 as it did in 1879 when California Electric Light Company began selling electricity to households in San Francisco. What has changed is the dramatic increase in the sensitivity of the equipment that is connected to the electrical grid. The electrical environment into which we have inserted our 21st century technology **must** have a significantly more stable environment in order to obtain and benefit from it's implementation.

Very simply, without the utilization of 21st century surge/transient voltage technology it is illogical to expect the benefits and profitability promised by automation and 21st century technology.

The cost of **downtime** (depending on the industry) can be upwards of USD \$100 per second! Every day of delay in implementing the Sinetamer® solution for the protection of electronic infrastructure can be costing you hundreds of thousands of dollars in lost revenue and profits.



"we ARE the Standard"

Chevron/PDVSA Venezuela

Over a 3 year period experienced a 67% reduction in replacement of sensitive electronic components. At the same time improved oil production by an average of 107,000 barrels per year.

CFE (Electric Utility) Veracruz Mexico

Over a 9 month period experienced an 80% reduction in maintenance operations for electronic reclosers and are tendering 2000 additional units.

United States Navy

Following deployment into 23 naval surface vessels a six month return on investment was experienced. The savings figures were in excess of \$4.9 million.

HAAS Machine Tools— South Africa

Deployed units in 70 new machines sold to clients and experienced a 50% reduction on warranty call outs and technical assistance calls.

HCA Hospitals—Tennessee USA

Deployed units on 10 MRI, CT's and X-Ray systems resulting in 80 hours of decreased downtime and an additional \$3 million in revenue.



THE SINETAMER® SOLUTION

The Sinetamer® solution encompasses the deployment of a 4th Generation Technology of surge and transient protection system. We are more than just a typical lightning arrestor which can be found on electrical panels around the world. Sinetamer® is an engineered solution designed for the ultrasensitive nature of all variations of microprocessor based devices. Our 25+ years of experience and an existing range of over 80,000 different devices and a customer centric engineering team virtually assure a solution for your organization.

THE SINETAMER® TECHNOLOGY

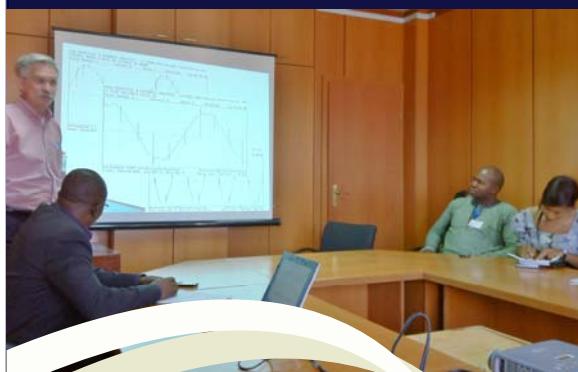
Our engineering team has spent more than 20 years studying the electrical anomalies that create the most disruption and cumulative damage in the realms of microprocessor based equipment. Across the board from server farms, factory automation equipment, to cellular base stations and petroleum production and refining equipment, it is the lower level switching type transient event that occurs, in some scenarios millions of times per day, that wreaks the most havoc.

Surprising to many, it is not the catastrophic surge events from lightning or utility companies that create software confusion and downtime. Therefore up to 99% of all other surge protection devices are ineffective in addressing such events. Only the Frequency Attenuation Network found in the Sinetamer® products can effectively reduce or eliminate often up to 80% of the causes of all electrical/electronic equipment failures experienced by entities around the world.

- Security
- Performance
- Reliability
- Warranty
- Global Network of Trained Distributors
- Custom Solutions at No Extra Charge

Finally a performance based surge protective device that actually performs and insures your electronic infrastructure.

Sinetamer®!



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For more than twenty five years at Energy Control Systems our commitment has been to exceptional customer service. That has not changed since 1987. It is easy to say "Our Success is Your Success"; but living it out every day is a significant challenge. We are up to that challenge.

With distribution in more than 40 countries around the world we are at your service. With operational bases and technical assistance in USA, South Africa, Nigeria, Philippines, Hong Kong, Peru and Colombia, someone is near to your time zone to provide support. Our production facility in Florida, USA is available for your visit (with prior notification), where you can witness product manufacturing along with comparative testing of any other surge device.

We look forward to becoming your technology protection partner.



Solutions for Profitability

Distributed locally by:

"we ARE the Standard"



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