



WE ARE A TECHNOLOGY COMPANY WITH PROPRIETARY SYSTEMS WHICH
FOCUS ON REDUCING ELECTRICAL ENERGY COSTS

We do this by....

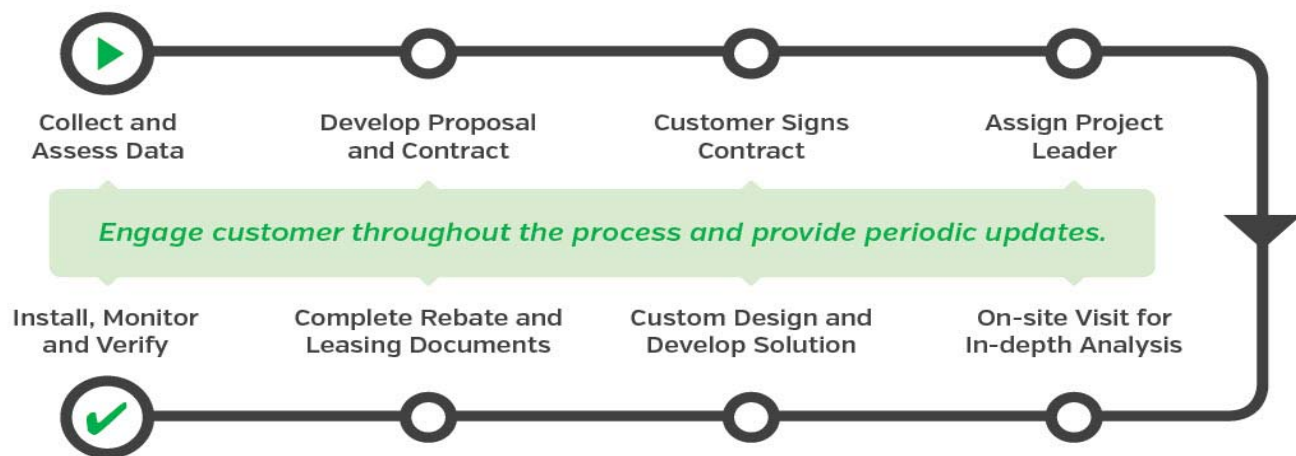
- Improving voltage, reducing heat and line loss **at the load**
- We eliminate power factor penalties
- We address the power factor correction in parallel with the individual load
- We enhance power conditioning through reduced harmonics, fluctuations and other interferences within your facility

140,000 Installations in 70 Countries

This results in:

- **Annual electrical cost reduced in the range of 10% to 30% per facility**
- Increased capacity of the electrical system
- Extend the life of equipment by allowing it to run at cooler temperatures with an optimized electrical current
- Increased power factor
- Improved voltage & power conditioning
- Eliminating voltage surges
- **Reduced carbon footprint utilizing green technology**

eFederal Systems Business Process



ROI Payback Period Insured by Lloyd's of London

Global Leader in Energy Cost Savings and Reduction in Greenhouse Emissions










14727 Mountain RD, Purcellville, VA (866) 337-9448 x710

www.eFederalSystems.com



Case Studies

The following have benefited from our technology:

 <p>Guaranteed: 13.6% Customer Received: 15.2%</p>	 <p>Guaranteed: 15.2% Customer Received: 20.6% ROI: 24 months</p>	 <p>Guaranteed: 13.46% Customer Received: 14.65% ROI: 20 months</p>
 <p>Guaranteed: 11.7% Customer Received: 20% ROI: 30 months</p>	 <p>Guaranteed: 7% Customer Received: 8% ROI: 36 months</p>	 <p>Customer Received: 20% ROI: Projected 36 months / Actual 15 months</p>
 <p>Customer Received: 20% ROI: Projected 36 months / Actual 15 months</p>	 <p>Customer Received: 20% ROI: Projected 36 months / Actual 15 months</p>	 <p>Customer Received: 20% ROI: Projected 36 months / Actual 15 months</p>

The above Case Studies are just a few of the over 140,000 installations worldwide

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Our Products

EasiLiner

Motorized pieces of equipment are historically inefficient users of electricity. Unnecessarily high electric bill and maintenance costs result from the conversion of the reactive current. The EasiLiner provides the benefits of reactive power correction while virtually eliminating the risks associated with traditional correction methods. Increased motor functionality means lower energy costs from reduced current draw.



MultiLiner

MultiLiner is a product solution for gaining cost-effective savings on groups of loads unpredictably used, or that switch on and off in irregular patterns. This energy cost-saving solution requires no user adjustment and lowers energy costs by extending the life of motors and equipment, improving facility voltage and increasing electrical capacity.



PowerLiner

PowerLiner meets the need to reduce energy costs associated with nonlinear electrical equipment. By canceling a portion of the harmonic current normally drawn by such loads, the PowerLiner reduces kilowatt-hour consumption and can alleviate many problems associated with harmful harmonics.



IlliumiLiner

The IlliumiLiner units are entirely solid-state with microprocessors that continually monitor and modify the AC sine wave. The IlliumiLiner controls entire lighting circuits from the lighting panel, providing circuit-by-circuit flexibility and generally a high return on investment. The ventilated cabinet is made of sturdy, heavy gauge metal with a mar-resistant, epoxy finish to withstand industrial environments. The IlliumiLiner improves the lighting performance and provides for controllable illumination distribution.



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Our Products Cont.

EuroLiner

The EuroLiner provides predictable lighting cost savings with either electronic ballast fluorescent or HID lighting. Designed for use on circuits where measured load amperage is less than 20 amperes at any voltage from 100V to 347V, the EuroLiner modernizes your lighting equipment and air conditioning by lessening the heat load added by your lights.



LVR

Lighting Voltage Regulator (LVR) reduces the energy used in industrial lighting systems, allowing them to run cooler and longer with small reduction of lighting levels. It provides you with an energy cost savings of between 15% and 30%. Compatible with most modern magnetic ballasts found in fluorescent, high intensity, and all types of incandescent lighting fixtures, the LVR can control many types of lighting products without changing internal jumpers or switch settings.



TVSS

Transient Voltage Surge Suppressor (TVSS) line of industrial grade surge suppressors are a prudent defense against voltage spikes such as those produced during electrical storms and the momentary surges inherent in all electrical distribution systems. TVSS provides you with security as it instantaneously responds to voltage spikes before they reach your equipment. In the process, TVSS technology reduces down time, maintenance and replacement costs.



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