

Defense Protected Power Systems

The Power to Protect

1902 Aerotech Drive Suite 130
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The Problem

Information Assurance is paramount in today's high threat networking environment. The increase in successful penetration via the internet has resulted in a constant battle to prevent those penetrations and the loss of data. There still one path to your systems that remains open and exploited on a daily basis. Though the cost until now has been prohibitive, it is mandated that Red Power distribution systems be used to connect classified infrastructure systems to building's electrical power. Anyone with a basic knowledge and access to a "Radio Shack" could assemble the components required to access your classified system via the buildings power grid. This is a non-brute force attack which absolutely cannot be detected and has been going on since the cold war.

1. RED Power must have a completely separate AC supply and ground system to isolate it from the building It must be filtered and conditioned (reference the 2/95 Red/Black Engineering Guide.)
2. In order to meet the current operational needs regarding SIPRNet, JWICS, and RIPRNet, services and agencies have long ignored this requirement as the cost to install fixed building power would be so high they could not afford to install the operational networks.
3. Additionally, the security required for NIPRNet has long been an issue with over 100,000 malicious and brute force attacks per day within the DoD. Security and IA personnel are in a constant battle to stay one step ahead of the attackers. It has become more apparent that an additional, cost effective, physically secure source for power protection must be sought and implemented.

The Solution

Defense Protected Power Systems has met that challenge. Our system is a world

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class technology with 21 International and US Patents. It is UL certified, scalable, transportable, in a cost efficient package. DPPS is introducing the **DPU415** and **RP24004A** for 50/60 HZ 110 Volts. For larger applications there is the **RP6000** and **RP7000** for up to 3Phase 208Volts and 60 Amps.

The **DPU415** and **RP24004A** as the entire DPPS product line are now available. The system can be inserted into any electrical plug and configured for both Europe and Asia.

Transportable - Small, the size of a power strip and rack mountable

Conditions Power - Ensures bi-directionally that the power is free from interference, electrical anomalies and transients, clean power.

Filtered Power - The DPPS products have both harmonic and High Frequency bi-directional filters. This will eliminate any possible data from being introduced on to the facilities ground. This will prevent any unlawful and unwanted dissemination of classified on unclassified data from escaping the building or facility that is DPPS protected

Power Purification - System will run more efficient with less down time, no crashes, no memory issues, no degradation of hard drives and electrical components.

Reduces Maintenance and system down time - Because of the purification there will be reduced cost for system upkeep and increased productivity. Saved dollars can be used for other critical areas. The DPPS products will reduce lifecycle cost of systems by over 10%. Increase system life without failure.

Green initiative: The DPPS product will reduce your electrical draw by 10% - 14% over your current systems.

Field environment - Can protect even in a hostile field environment and clean up even generator power to protect mission critical combat systems. System failure in the field is unacceptable, but happens at a rate of 15%. This no longer needs to be tolerated, simply plug in a DPPS product as see the results. **Pricing** - There has never been anything like the **DPU415 and RP24004A** available until now! and is competitively priced in the range of a high quality surge suppressor.

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IF you are ready we are too! DPPS the power to Protect

If you are ready call: Mr Jim Sheaffer (719) 213-9025