



## **Case Study**

### **Defense Contractor – Bellevue, NE**

### **Replacement Transformer Project**

A National Defense Contractor in Bellevue, NE is a leading global security company providing innovative systems, products and solutions in unmanned systems, cybersecurity, C4ISR, and logistics.

The Contractor's facility in Bellevue, NE has a UPS system that failed due to the UPS room having insufficient air flow. The room overheated and severely damaged the step down transformer which was built into the UPS. Immediately after the incident, repairs were done to get the UPS functioning; however, the recommended complete UPS replacement was not possible due to budget limitations.

Power Protection Products, Inc. (P3) continued to maintain a close relationship with customer, making sure they had the routine repair service support for the UPS & batteries, as well as regular preventive maintenance performed on the UPS on an annual basis. The damaged transformer was no longer a part of the service contract.

As the customer and Power Protection Products, Inc. continued to keep the damaged transformer as a high priority for replacement, P3 took the time to provide multiple options to NG including buying a new UPS and the potential cost of a weakened single point of failure. Something had to be done. Since the transformer was no longer in production, P3 found the manufacturer, verified that the specifications were still available and that a new transformer could be produced.

P3 then coordinated a meeting with the Contractor's facility personnel to plan the shutdown of the UPS power, servers, and security so that the transformer installation would be completed during off hours and not interrupt critical facility functions.

The UPS is now back online, under a continuing comprehensive maintenance coverage plan and the potential disaster of dropping the facility load has been avoided.

Power Protection Products, Inc. specializes in products, services and software that will enhance power quality, energy efficiency and data center optimization. The Company also provides turnkey data center solutions and power quality studies. We focus on the reliability, understanding and optimization of your critical power and cooling needs.