Reliability isn’t an option – it’s a requirement.

dB Control delivers.
Military and Commercial Markets
dB Control supplies mission-critical (often sole source) products worldwide to military organizations, as well as to major defense contractors and commercial manufacturers. Our products are being used in a wide variety of applications, including radar (multimode, pulse Doppler and SAR), electronic countermeasures (ECM), EW threat simulation, airborne data links, high data-rate digital communications, test and measurement (RFI and EMC), commercial X-ray, antenna pattern and radar cross-section measurement.

Custom-Built Products
dB Control’s products can be quickly and easily configured to meet custom specifications and platform requirements for ground-based, shipboard, and high-altitude military manned and unmanned aircraft. By using a modular construction based on mature technologies and proven designs, and by working with standard modules and manufacturing processes, we produce products that cost less, are easy to maintain, and are available in production quantities.

High-Voltage Specialists
Many dB Control products contain tightly packaged high-voltage circuitry. Critical to the success of these designs is the encapsulation process, which has been perfected in our advanced encapsulation laboratory. All encapsulated modules are manufactured in house. Assembly of these tightly packaged products is performed by experienced specialists trained in the safe assembly of products containing high-voltage circuitry. Our excellent reputation for encapsulation and high-voltage winding, and our ability to assemble high-voltage circuitry, is known throughout the industry.

Repair Depot
dB Control’s repair depot complements its contract manufacturing services with the ability to repair, refurbish, or replace microwave amplifier components. Our outstanding record of successfully repairing tightly packaged high-voltage power supplies, and our expertise with high-voltage and high-power microwave amplifiers, enables us to offer specialized testing services as well.
About dB Control
Established in 1990, dB Control Corp., a subsidiary of the Electronic Technologies Group (ETG) of HEICO Corp., supplies mission-critical, often sole-source, products worldwide to military organizations, as well as to major defense contractors and commercial manufacturers. dB Control designs and manufactures reliable high-power TWT Amplifiers (TWTAs), microwave power modules (MPMs), transmitters and power supplies with modulators for radar, electronic countermeasures (ECM), data links, communications and instrumentation applications. The company’s high-power amplifiers use solid state, as well as vacuum electron devices and cover the 1 to 50 GHz frequency range. The modularity of dB Control’s designs enables rapid configuration of custom products for a variety of platforms, including ground-based and high-altitude military manned and unmanned aircraft. dB Control has an outstanding record of successfully repairing, refurbishing and replacing tightly packaged high-voltage transformers, assemblies and power supplies. The company offers specialized contract manufacturing, transformer winding and testing, full vacuum encapsulation, pressure cure, conformal coating and repair depot services from its modern 52,100-square-foot facilities in Fremont, California. www.dBControl.com