

# PULSED POWER CAPABILITIES



## Capability overview: RF Power

We have a long history manufacturing components for high-voltage modulator systems and, as a trusted supplier, we enable our customers to maintain their leading market positions.

In addition to our range of high power pulsed systems for radar and radiotherapy applications, we now offer a range of compact modulators based around our patented solid-state switching technology.

Our high-voltage modulators and semiconductor switches provide a proven alternative to conventional “line and hard valve type” modulator technology. Using innovative assemblies of solid-state switches, together with compatible power supplies and energy storage units gives a significant improvement in pulse shape and quality.

A flexible control system gives the ability to remotely vary pulse parameters on a pulse-to-pulse basis. These features make the units ideal for systems where precise energy control is essential.

## Specialist applications demand specialist expertise

We have the full in-house capability to develop high-performance, high-quality and high-reliability pulsed power solutions - from concept and design, right through to manufacture.

Our products are utilised across a range of medical, radar, industrial and scientific applications - where the principle requirements are; precision, performance and reliability.

We have earned a reputation for meeting the demands and complex requirements of projects, providing quality pulsed power solutions across the healthcare, science, transportation and industrial spectrum.

## WORKING IN PARTNERSHIP

+ We take responsibility for the complete design, development, production and testing process to meet exacting pulsed power application specifications

+ We are constantly developing new ways to increase the reliability, precision and performance of pulsed power systems

+ Our solution specialists not only meet application specifications, but also enable our customers to take advantage of future growth opportunities