

## **Diversified Technologies Introduces Radar Transmitter Systems That Replace Vacuum Tubes for Superior Performance**

*A full line of highly reliable, solid-state radar transmitter systems that can be configured to drive Klystrons, TWTs, IOTs, and magnetrons have been introduced by Diversified Technologies, Inc. (DTI) .*

BEDFORD, Mass. ([PRWEB](#)) July 29, 2020 -- Diversified Technologies, Inc. has introduced a full line of highly reliable, solid-state radar transmitter systems that can be configured to drive Klystrons, TWTs, IOTs, and magnetrons.

[DTI Radar Transmitter Systems](#) have a single controller that can drive one or two switches in a push-pull configuration; yielding fast fall time for a capacitive load. These all solid-state systems provide greater than 99% switching efficiency, less than 500 ns switching times, and pulse frequencies up to 100 kHz, depending upon the load.

Featuring up to 50% greater power efficiency and higher reliability than vacuum tube based systems, DTI Radar Transmitter Systems offer full pulse flexibility from 50 ns to 10 ms pulse frequencies, depending upon application. Suited for new and retrofit installations, they incorporate switching power supplies, solid-state pulse modulators, and controls.

DTI Radar Transmitter Systems are priced from (US) \$100,000.00 up; supplied with a fully integrated controller. Literature and price quotations are available upon request.

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