

AS9100D  
ISO 9001:2015  
Certified



## DAICO Solid State Transmitter Replacement for Legacy Klystron and TWT Technologies

The innovative Transmitter/HPA architecture revolutionizes transmitter **Availability, Reliability, Maintainability** and **Affordability**. DAICO's DTX09501 Solid State Transmitter was proven in a mission critical ASR-3 Radar deployment. It achieved the unprecedented 99.99% availability, graceful power degradation and hot-swap capability.

### THE (m+n)ART™ ARCHITECTURE ELIMINATES DOWNTIME

DAICO's patented solid state transmitter technology applies to platforms where high reliability, high power and mission critical operations are required at the frequency range of up to C-Band. It can be implemented for air and liquid cooling applications.

Flexible and Scalable  
Combined HPA (CHPA) Building Block  
Architecture achieves hundreds of kW power.  
The Daico Solid State Transmitter Solution truly  
outperforms the legacy Klystron and  
TWT technologies and demonstrates  
outstanding SWaP-C factors.

Unsurpassed **DAICO** Engineering