



## **Media Advisory**

*Communications & Power Industries LLC – TMD Technologies Division*

### **Preview for:**

*International Microwave Symposium (IMS)*

*Denver, Colorado*

*19-24 June 2022*

### **CPI TMD Technologies Division at IMS 2022**

TMD Technologies a division of Communications and Power Industries (CPI) will be attending IMS 2022, with a representative selection of its extensive range of microwave and RF products for defence, electronic warfare (EW), radar and homeland security programmes.

On Booth 3041, visitors will be able to discuss all the latest introductions to CPI TMD Technologies Division's comprehensive product portfolio and view two typical innovative microwave power modules (MPMs) namely - the PTXM9754 and PTXM1000 - that epitomize the company's outstanding design and manufacturing capability,

### **Innovation built-in**

The PTXM9754 and PTXM1000 MPMs meet the demands of high-performance electronic counter measure (ECM) and Communication Data Link systems, and feature an advanced, integrated 'super-mini' travelling wave tube (TWT), a solid-state preamplifier, and an optimized, high density, switched mode power supply to form a single drop-in microwave amplifier block – eliminating TWT interconnections, and further reducing overall physical size. The PTXM9754 operates over a broadband 6-18 GHz range with an output of 100 W, and the PTXM1000 operates over the Ku band 13.75-14.5 GHz typically with an output of 110 W. Both units meet stringent military environmental operating standards.

### **Strong team**

Said Nigel Hann, CPI TMD Technologies Division's Sales Director: 'IMS is recognized as the world's largest microwave and RF industry trade show with over four hundred exhibitors globally expected this year, and we look forward to meeting up again with our growing customer base and welcoming new visitors to discuss their microwave requirements. This year, for the first time, we share the IMS booth with CPI colleagues from Beverly Microwave Division, who market many similar products to significantly strengthen CPI's capability in the microwave and RF field.'

## **CPI Beverly Microwave Division (CPI BMD) products on show at IMS 2022:**

CPI BMD products on Booth 3041 will include Ka and X band receivers, solid state limiters, solid state filter/limiter/attenuators, GaN based solid state MPMs, and UAV/SAR and mini helix TWTs.

**ENDS**

## **About Communications & Power Industries**

Communications & Power Industries (CPI) is a global manufacturer of electronic components and subsystems focused primarily on communications and defence markets. With a heritage of technological excellence that spans decades, CPI develops, manufactures, and globally distributes innovative and reliable technology solutions used in the generation, amplification, transmission, and reception of microwave signals for commercial and military applications. Learn more about CPI at [www.cpii.com](http://www.cpii.com).

## **CPI TMD Technologies Division – leaders in scientific and technical microwave and RF innovation**



*CPI TMD's headquarters design and manufacturing facility in West London, UK.*

With a heritage dating back to the 1940s, CPI TMD Technologies is a world-class designer and manufacturer of professional microwave and RF products. At the company headquarters in Hayes, West London it produces specialised transmitters, amplifiers, microwave power modules (MPMs), high voltage power supplies, microwave tubes and transponders for radar, EW, and communications applications. A previous twice Queen's Award winner, it also produces a range of advanced instrumentation microwave amplifiers for EMC testing, scientific and medical applications.

CPI TMD Technologies is also making ongoing and substantial investment in the development of quantum-enabled technology under the UK National Quantum Technologies Programme (UK-NQTP).

CPI TMD Technologies has also expanded its investment in the Solid-State Power Amplifier MPM space through a partnership with Diamond Microwave LTD, and now has SSPA MPMs available with various output power options from UHF through Ku band.

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