

**EW Europe 2017 Exhibitor Preview**  
**June 6-8**  
**London**



**WORK Microwave — Stand 4**

At Electronics Warfare (EW) Europe 2017, WORK Microwave will demonstrate its comprehensive range of military solutions, including radar synthesizers and front ends, ECM equipment, RF selectors, satellite ground control equipment, and medium-power amplifiers. All of WORK Microwave's engineering and manufacturing processes are done in-house, enabling design flexibility and a faster time to market.

As a leading provider of RF- and microwave-based electronics equipment for military applications, WORK Microwave has built up a strong reputation within the industry for reliable, high-spec, energy-saving solutions that meet all MIL standards. Industrialized, lightweight, and tamper-proof, WORK Microwave's defense electronics performs flawlessly — even in the toughest, most demanding remote environments.

**Key Products and Technology Demos**

**Radar Systems**

At EW Europe 2017, WORK Microwave will showcase its next-generation radar synthesizers, amplifiers, transponders, and selectors:

- **Radar synthesizers:** WORK Microwave's radar synthesizers feature low noise and fast hopping synthesizer modules for fixed, mobile, and man portable radar systems from the D to X band.
- **Radar amplifiers:** A wide range of amplifier types for radar systems will be on display, including high power pulse amplifiers, pre-amplifiers for L-band, and RF distribution amplifiers for phased array antennas.
- **Radar transponders:** Perfect for target exercises, WORK Microwave's radar transponders support the C and X band, with flexible coding.
- **Radar selectors:** At EW Europe 2017, WORK Microwave will demonstrate broad functionality of its radar selectors, including RF amplifying, calibration, network selection, isolation measurement, and RF absorption. An expert in monitoring and function control for radar systems, WORK Microwave systems offer X-band support, fast switching (TX-path to switching RX-path), calibration network capability, RF absorption of input signals (silent mode), and frequency downconversion.

**Scientific Systems/Signal Sources**

RF and microwave signal generators, as well as reference sources, are required in a wide range of RF systems. The quality and reliability of military applications strongly depends on the performance of the reference source. Based on a flexible production line and modular product design, WORK Microwave is capable of producing custom-made solutions up to 55 GHz with competitive delivery times and prices.

Stop by the WORK Microwave stand at EW Europe 2017 to see a demo of advanced signal source solutions:

- **Local oscillator:** WORK Microwave's low-noise, frequency-agile local oscillator for frequency converters and radar applications is the perfect solution for replacement of obsolete equipment.
- **PLOs and oscillators:** A key highlight at EW Europe 2017 will be WORK Microwave's PLOs, which are commonly used as low-noise, high-frequency reference sources for scientific synthesizer applications. The systems support a wide range of frequencies, from 125 MHz to 26.5 GHz, providing internal and external reference, high power output, up to >+20 dBm, and low power consumption.
- **Signal generators:** WORK Microwave's signal generators provide extremely low phase noise, variable power level, and high stability, with frequency ranges up to 40 GHz.
- **Modern synthesizers:** Frequency agile synthesizers will be shown with up to one octave frequency range (4 to 40 GHz), very low phase noise, and high stability.

## Company Overview:

### About WORK Microwave ([www.work-microwave.com](http://www.work-microwave.com))

Headquartered in Holzkirchen (near Munich), Germany, and comprised of four operating divisions — Defence Electronics, Satellite Technologies, Navigation Simulators, and Sensors and Measurement — WORK Microwave leverages over 30 years of experience to anticipate market needs and apply an innovative and creative approach to the development of frequency converters, DVB-S2/S2X equipment, and other digital signal processing technologies while maintaining the highest standards for quality, reliability, and performance.

WORK Microwave's Defence Electronics division is responsible for developing RF and microwave modules up to 40 GHz for demanding defence and research applications. Thanks to our long-term expertise and our excellent know-how in sophisticated RF and microwave technology, WORK Microwave is able to design and produce a wide range of equipment to meet the evolving needs of our customers in this field. Over the years, WORK Microwave has built up a strong reputation for providing customers with reliable, high-spec, and energy-saving equipment.

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#### Agency Contact:

Anna Bandurska  
202 Communications  
Tel: +31 646 852 080  
Email: [anna@202comms.com](mailto:anna@202comms.com)

#### Company Contact:

Lisa Hayes  
Marketing Communications Manager  
Tel: +49 8024 6408 25  
Email: [lisa.hayes@work-microwave.com](mailto:lisa.hayes@work-microwave.com)

#### WORK Microwave

Raiffeisenstrasse 12  
Holzkirchen, 83607  
Germany  
[www.work-microwave.com](http://www.work-microwave.com)