COMPANY OVERVIEW

MORE

MILITARY OPTICAL RF EQUIPMENT LTD.

ABOUT MORE

Pioneering Next-Generation Electronic Warfare
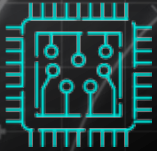
Proprietary **Optical RF Memory (ORFM)** - disruptive technology redefining spectrum dominance

Proven **Electronic Attack (EA) & ELINT** systems, TRL 7/8, field-tested & validated

Integration on **UAVs, USVs, UGVs, and manned platforms** - compact & scalable

Trusted by leading defense customers - **Israeli MOD, U.S. DoD**

CUSTOMERS & VALIDATION

Proven operational validation with top-tier defense customers

Israeli Ministry
of Defense

U.S. Department
of Defense

STRATEGIC FOCUS AREAS

Next Generation
integrated
EW/ELINT suites

Distributed UAV ELINT
and Electronic Warfare
BLOS applications

EMSO
training and system
validation

UNIQUE VALUE PROPOSITION

✓ **Proprietary ORFM-DRFM technology** - unmatched in effectiveness against modern threats

✓ **TRL 7/8** - systems field-tested and combat scenario-validated

✓ **Compact, scalable solutions** enabling integration on UAVs, ships, and land platforms

CHALLENGES IN THE MODERN EW ARENA

- **Advanced LPI Radars** with advanced Real-Time Processing capabilities

- **Resilient Systems** with ECCM, Beamforming, and Frequency Agility

- **Dense and dynamic environment** multiple simultaneous transmissions, Radars, and Communication channels

- **Integrated Multi-Band Radar** and Sensor Data Fusion

CURRENT ELECTRONIC ATTACK SULOTION

DRFM BASED *

o **Limited bandwidth** weakens effectiveness against modern wideband radars

o **Reduced DRFM** effectiveness versus LPI systems

o **Vulnerable** to advanced ECCM techniques

o **Hi-latency** limits self-protection effectiveness

o **DRFM-based systems** require prior knowledge of radar parameters to build threat libraries and generate responses

* Digital RF Memory

THE SOLUTION ORFM*- BASED SYSTEMS

Ultra-Wide Bandwidth
enables simultaneous engagement of multiple threats across different spectral bands

Ultra-Low Latency
provides extremely fast response, critical for self-protection applications

Effective Against LPI Radars
supports generation of complex multi-target scenarios, **independent of radar/seeker signal detection or processing**

Resistant to ECCM
maintains faithful replication of original signal characteristics

Intelligence-Independent
ORFM replicates any received signal in real time, removing the need for threat libraries

* Optical RF Memory