



# End-to-End RF Electronic Battlefield Creation

- **Stimulate electronic warfare systems with realistic RF battlefield threat emulation.**
- **Capture EW responses with low noise, high resolution and high dynamic range recording for high signal-to-noise ratio.**
- **Playback captured or synthesized threat waveforms and electromagnetic environments for radar and EW development plus test and evaluation.**

## ALL USING THE SAME HARDWARE

Modularity delivers multiple channels for standard and custom applications in a small form factor. Microwave Up/Down Converters support any combination of streaming recording and playback plus any PDW based threat emulation. Phase coherent design delivers wide instantaneous bandwidth. Real-Time control enables high fidelity multi-emitter emulation. Open architecture allows future repurposing of assets.



## COMPASS

Coherent Multi - Channel Playback & Acquisition Streaming System

- **Agile, Coherent RF coverage to 20 GHz across all channels**
- **Wide Instantaneous Bandwidth**  
(1 GHz IBW @ RF, 2GHz IBW direct to digital)
- **Up to 192 TB of solid-state memory for 11 hours/CH record time @ maximum sample rate**
- **Field proven ruggedized configurations available**