TECHNOLOGY ADVANCEMENTS IN ELECTRONIC WARFARE

ON THE BATTLEFIELD, there's a lot more going on than meets the eye. Above and beyond the missions we can see and hear – on the ground, in the air and at sea – a hidden battle pulses and surges, and along with it, the prospects of victory or defeat.

THIS IS THE CONTEST for control of the electromagnetic spectrum, a battle fought in the domain of electronic warfare, or EW, and without it there can be no mission success.

FOR MORE THAN 60 YEARS, customers have turned to Harris capabilities in EW for spectrum superiority. We provide the knowledge, technology and techniques for mission success across, air, land and sea domains.

EW TECHNOLOGY has advanced from the large format, analog systems originally developed in the late 1950s to the small, agile, digital, software defined technology today. The future of EW and U.S. spectrum dominance requires increasingly innovative strategies that keep warfighters in control and ahead of the threat. Harris is innovating and delivering the future of EW.

B-52 AN/ALQ-172 Analog >500 lbs.

B-1B LANCER AN/ALQ-161 Analog >500 lbs.

Hardware Defined, Stove-Piped, Standalone,

Software Defined, Modular, Networked,

AH-64 APACHE AN/ALQ-136 Analog >50 lbs.

F/A-18E/F AN/ALQ-214 Analog/Digital 100-250 lbs.

> CV-22 AN/ALQ-211 Analog/Digital 100-250 lbs.

F-16
AIDEWS
Analog/Digital
100-250 lbs.

SIZE, WEIGHT AND POWER

NULKA
Digital
<10 lbs.

DISRUPTOR
SRxTM
Digital
<5 lbs.

OPEN
ARCHITECTURE/
SOFTWARE
DEFINED/
MISSIONIZED
CAPABILITY

1960s

FROM ANALOG:

TO DIGITAL:

1970s

1980s

1990s

2000s

2010s

2020 AND BEYOND

ANALOG

Single Mission, Static Techniques

Multi-Function, Adaptive

DIGITAL

MODULAR

SCALABLE

OPEN

16170

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