L3HARRIS™
FAST. FORWARD.

RASOR™ ECOSYSTEM

Rapidly adaptable architecture
for multi-mission communications

SCALABLE AND ADAPTABLE

The industry's most scalable, configurable solution seamlessly unifies LOS and BLOS capabilities from multiple technologies into a single, SWaP-optimized unit. Ideal for enabling the Navy's Tactical Grid across maritime, expeditionary, and airborne tactical operations, RASOR's design is aligned with the Modular Open Systems Approach (MOSA) and compliant to U.S. DoD Standards supporting JADC2 network operations. RASOR leverages an extensive portfolio of L3Harris data links and waveforms (50+) and also supports integration of third party capabilities.
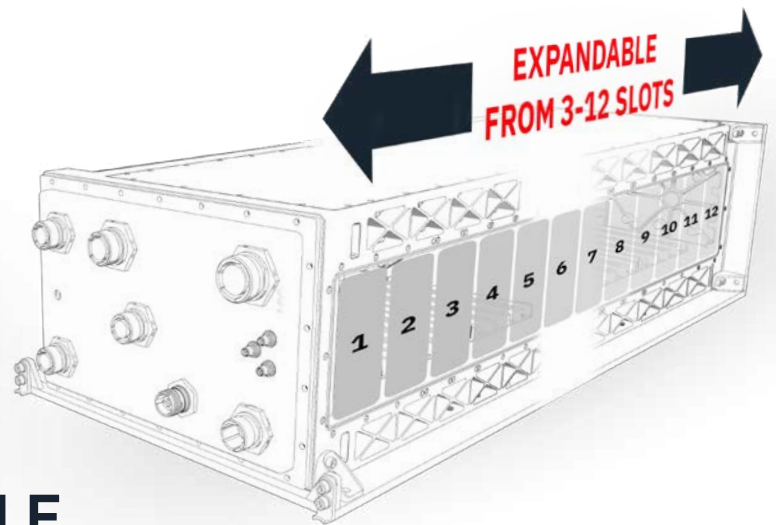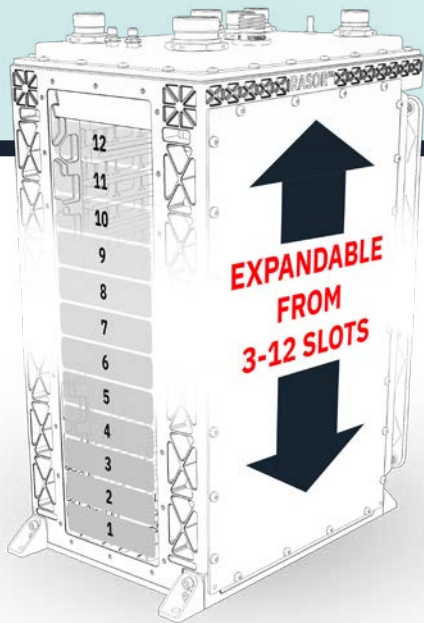
ISR

VOICE

C2

SECURITY

EW

EA

EXPANDABLE FROM 3-12 SLOTS

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OPEN, FAST, VERSATILE

The RASOR Ecosystem is easily configurable to meet your specific platform needs. RASOR enables multi-mission operations in a single platform, with simultaneity across hosted waveforms. Both horizontal and vertical units can be expanded from 3 to 12 modules, and also daisy-chained to increase capabilities. Units can be reconfigured by software updates without hardware redesign, decreasing complexity and speeding deployment.

> 3U modular approach leverages COTS technologies to minimize lifecycle costs

> Third party software integration via a Software Development Kit (SDK) enables reuse of existing waveforms

> Easy to use, single GUI for efficient operations and resource management

> Ruggedized chassis built-on traditional and additive manufacturing methods for increased adaptability

> Modular spares and repairs reduces lifecycle costs

> Accelerated turnaround time from order to delivery — weeks not months

MULTI-PURPOSE TO SUPPORT DISTRIBUTED MARITIME OPERATIONS

Single purpose boxes do not scale. Based on our analysis of the Navy's Tactical Grid end-state, platform and mission constraints, we understand the need for an open architecture versus point solutions. L3Harris has extensive experience developing scalable, modular solutions to support complex mission requirements. We continue to expand our portfolio of resilient technologies and waveforms to ensure the Navy's Tactical Grid stays ahead of near-peer threats today and into the future.

The L3Harris RASOR Ecosystem is ready-to-field today across all platform families, in flexible form factors.

Aligns to major U.S. DoD MOSA standards:

SOSA, OCS 2.0, FACE, HOST, CMOSS, VICTORY, MORA and VITA

Sense, Make Sense and Act Enabled by an Adaptable, Resilient, Digital Network

UNMATCHED CAPABILITIES

L3Harris is the industry leader in communications security, including cryptography, cross-domain and multi-level security, and maintains a strong relationship with the National Security Agency. The L3Harris RASOR can host Comms-as-a-Service (CaaS) capabilities to prioritize and route sensitive information for joint integrated fires missions.

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