

# Remote Interceptor Guidance (RIG) - 360



# RIG-360 Overview

- Software defined, hemispherical PAC-3 missile communications device
- Provides a 360-degree PAC-3 engagement capability leveraging sensors integrated within the Integrated Battle Command System (IBCS) architecture
- Provides PAC-3 missile communications outside of sectorized sensors
- Reduces single points of failure for missile communications; not reliant on a single sensor

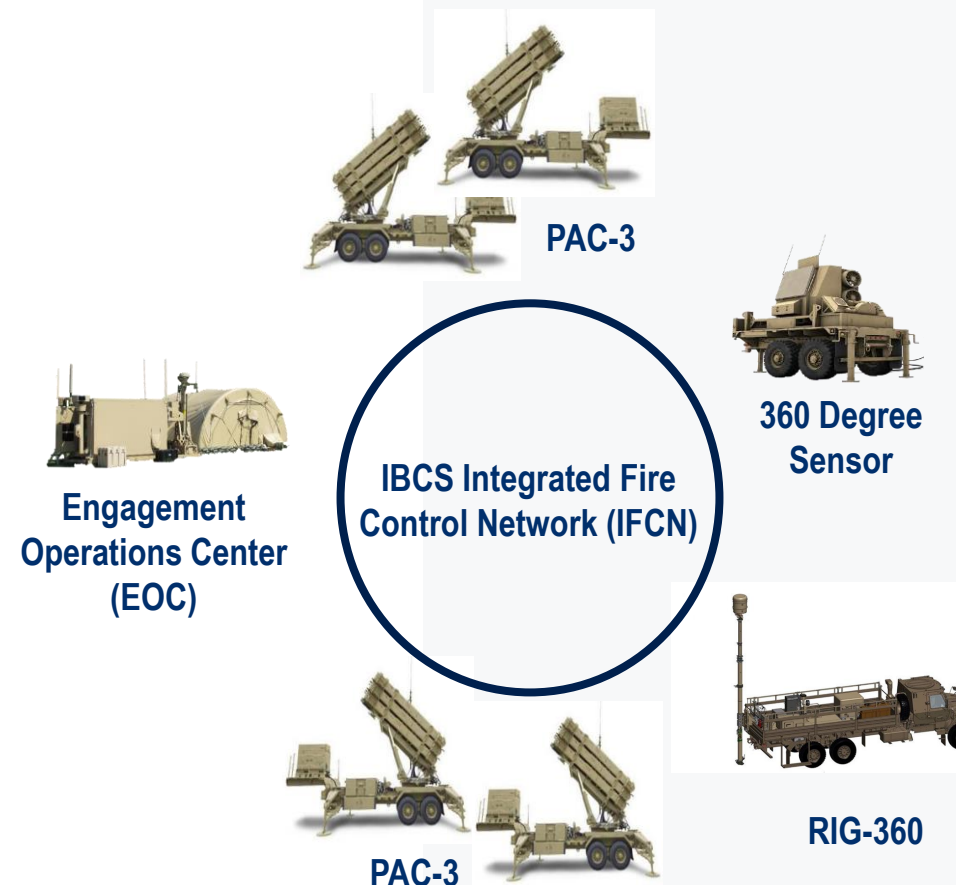


***RIG-360 enables a 360-degree sensor agnostic IAMD engagement capability for IBCS***

# RIG-360 Capabilities

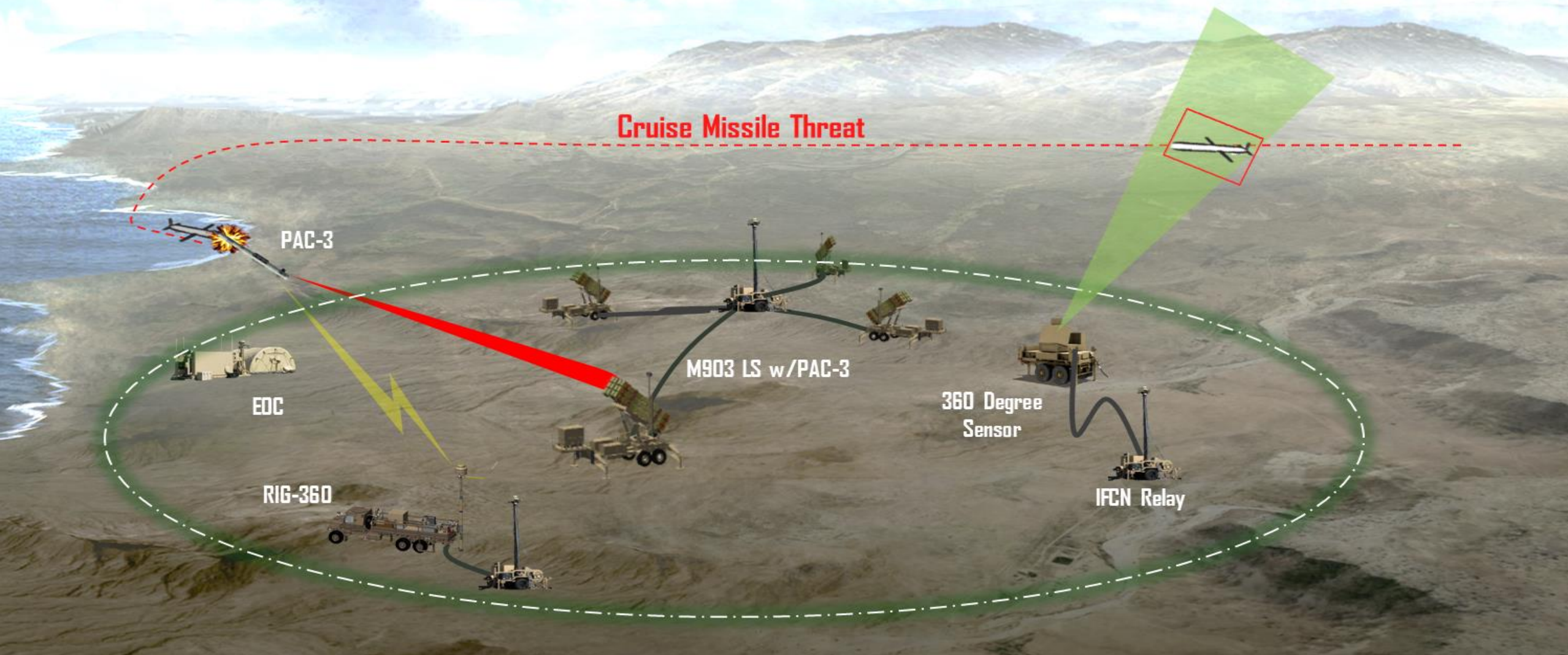
## Supporting capability for IBCS

- Tailorable distributed Integrated Air and Missile Defense (IAMD) capability
- Expanded defended area without relocation of uplinking sensors
- Supports multiple simultaneous PAC-3 missiles in flight
- Networked enabled engagement capability using fire control quality sensors without organic PAC-3 uplinkers



***Networked enabled engagement capability using sensors on the IFCN***

# RIG-360 for IAMD



# RIG-360 Components

## Platform Elements:

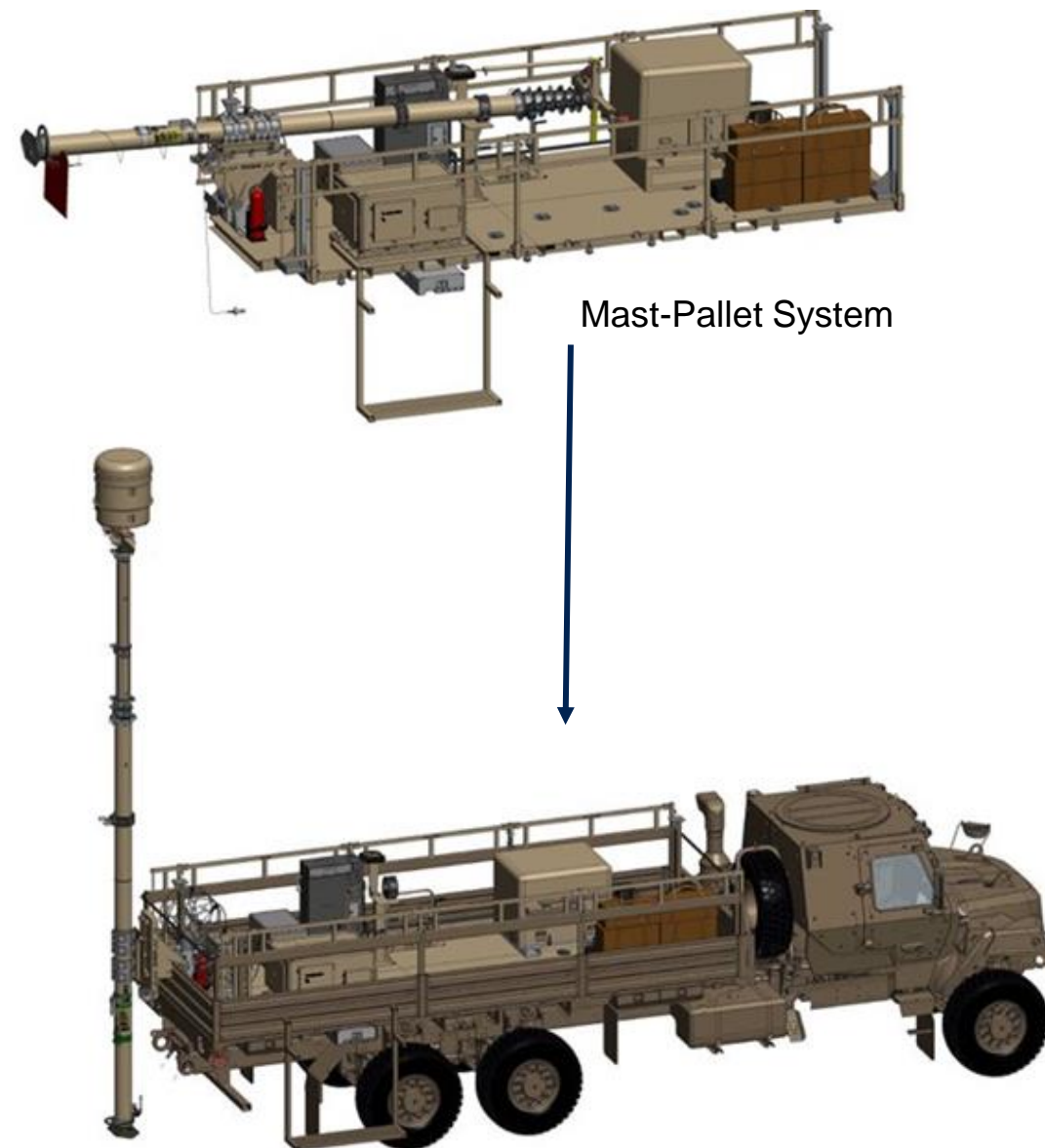
Extendable mast  
Antenna Array Storage  
Power and Conditioning

## Antenna Array

Mast-mounted antenna array that transmits and receives the radio frequency (RF) PAC-3 missile communication waveforms

## Control Assembly

Control node for the Antenna Array and serves as the integration point to the IBCS IFCN



# RIG-360 Summary

- Complementary capability to sensors integrated within IBCS
  - Enables more IAMD employment options
  - Supports multiple simultaneous PAC-3 missiles in flight
- Leverages any sensor or sensors integrated within an IBCS architecture
- Reduces single points of failure for missile communications (i.e. not reliant on a single sensor)
- Employment flexibility (i.e. truck, trailer, pallet, tower)



***Supports 360-Degree IAMD from any sensor within the IBCS architecture***

***LOCKHEED MARTIN*** 