

**LOCKHEED MARTIN**   
*We never forget who we're working for®*

## **Extensible Launching System (ExLS)**

*Innovative, Adaptable and Affordable*



# Extensible Launching System (ExLS)

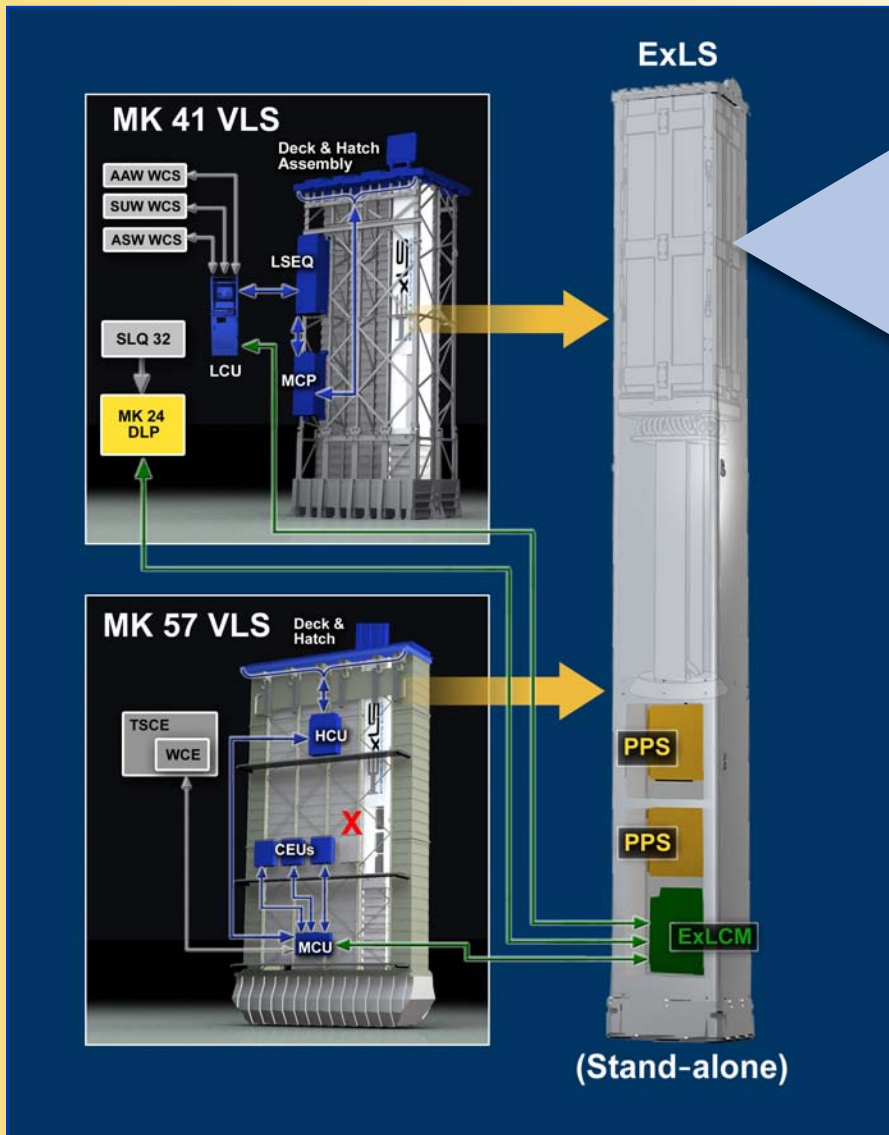
*ex·ten·si·ble – capable of being modified or easily adapted in the future*

The need to integrate and adapt is evident in an ever-changing world. No where is that more important than ensuring naval vessels have the systems they need to defend and deter. Lockheed Martin has developed an innovative and affordable new Launching System that integrates and adapts into existing systems. The Extensible Launching System (ExLS) is a low-cost solution that integrates new missiles and munitions into the U.S. Navy's inventory of Vertical Launching Systems (VLS) aboard surface combatants. ExLS

was specifically designed to rapidly integrate qualified missiles or other weapons that were developed and certified in an All Up Round (AUR) configuration, such as the Nulka, the RAM Block 2 missile and the Precision Attack Missile. Maintaining the AUR integrity is critical from both a fleet commonality perspective and the need for eliminating costly VLS canister development. ExLS offers the unique ability to snap-in AURs into a reconfigurable system that will provide unprecedented flexibility for the U.S. Navy.

## Key System Features:

- ▶ Low Cost Integration
- ▶ Modular Building Block – Flexible Size and Platform Deployment.
- ▶ Scalable, Open Architecture
- ▶ Applicable to All Surface Combatants
- ▶ Product Line Approach



## ExLS Munition Adaptors



## Lockheed Martin Corporation MS2

300 M Street, SE  
Washington, D.C. 20003, USA

[www.lockheedmartin.com/ms2/product\\_contacts](http://www.lockheedmartin.com/ms2/product_contacts)

Copyright © 2010 Lockheed Martin Corporation  
All Rights Reserved.

PIRA# BAL200801001

The lightweight composite mechanical launcher structure facilitates drop-in/snap-in capability by having the same mechanical interfaces as the existing canisters. The launcher features Open System Architecture and Open Software and Cell Based Electronics.

**LOCKHEED MARTIN**  
We never forget who we're working for®