



LOCKHEED MARTIN AND BIGLEVER SOFTWARE

New Frontiers for Innovation in Product Line Engineering

“At Lockheed Martin, the timely and cost-effective delivery of the latest technological advances to our customers is mission critical. Our goal is to constantly ‘push the envelope’ in employing state-of-the-art product development tools and methods.”

– Norman Malnak, Chief Engineer & VP of Technical Operations, Lockheed Martin Mission Systems & Sensors

Working in conjunction with BigLever Software, Lockheed Martin’s Mission Systems and Sensors (LM MS2) division is implementing a new systems and software product line engineering (PLE) approach that is opening up new frontiers for innovation in their product line engineering and delivery.

LM MS2 is using BigLever’s *Gears PLE Lifecycle Framework* to create a single system of PLE tools and assets across the full product line engineering lifecycle, including:

- *DOORS/Gears Bridge* to engineer shared product line requirements.
- *Gears* and the *Universal Configuration Management Bridge* to engineer shared product line source code.

For more information on Systems and Software Product Line Engineering, BigLever Software, or the Lockheed Martin PLE solution, contact us at 512-426-2227 or info@biglever.com.



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Lockheed Martin MS2’s Product Line Initiative Featured in Embedded.com

The following is an excerpt from the embedded.com article authored by James Cezo, Lockheed Martin and Charles Krueger, CEO, BigLever Software.

Lockheed Martin’s Mission Systems & Sensors division is finalizing a multi-year initiative to identify, evaluate and implement a leading-edge Common Product Line reuse strategy to streamline systems and software engineering in each of its core product lines.

The driving goal is to satisfy strong customer demand to reduce the time, cost and effort required to create, deploy and maintain products.

To achieve this goal, the ultimate solution must minimize duplicate effort, maximize commonality among design and implementation assets, and optimize reuse of effort across similar products within each of its product lines.