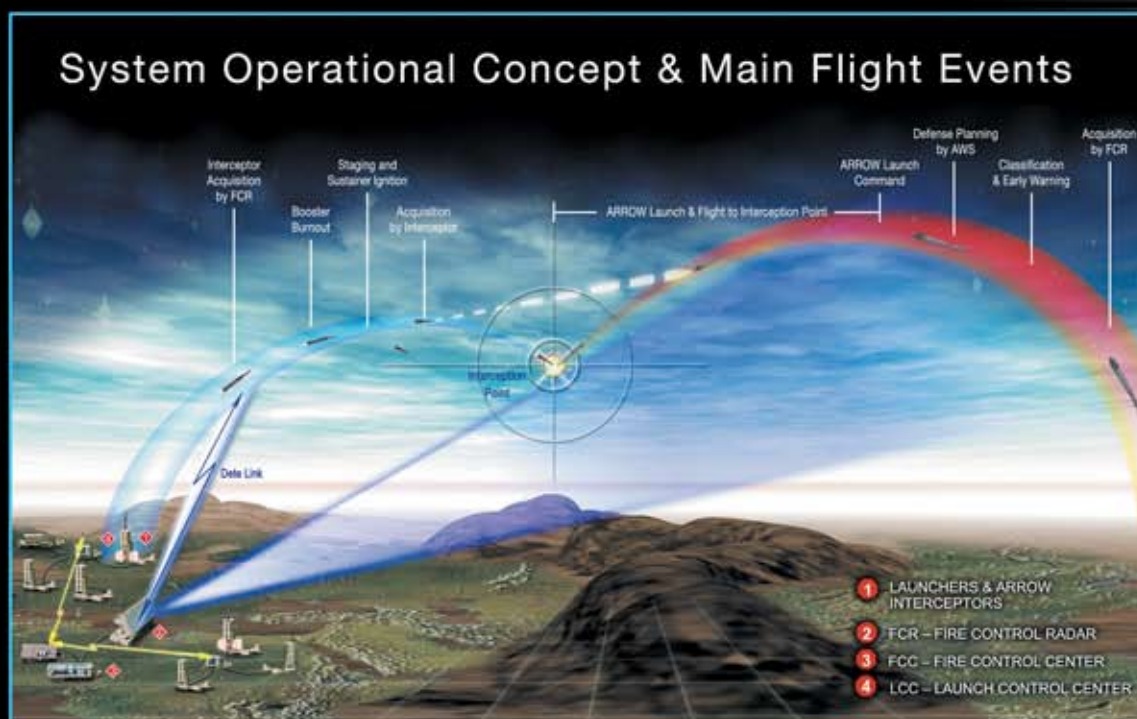




ARROW WEAPON SYSTEM



General

The Arrow Weapon System (AWS) is the world's first operational, national, stand-alone Theater Ballistic Missile (TBM) defense system. The AWS defends against the rising threat of TBMs carrying various types of warheads.

MLM, a division of Israel Aerospace Industries (IAI), is the prime contractor of the weapon system. MLM, together with its subcontractors, has developed an effective, powerful and modular air-defense system.

AWS effectively utilizes the innovative ARROW-2 and ARROW-3 interceptors. The system detects, tracks, intercepts and destroys incoming TBMs and provides a large defended footprint allowing the protection of key strategic assets as well as civilian population centers.

The AWS comprises of four main sub-systems:

- Launchers & Arrow Interceptors
- Fire Control Radar (FCR)
- Fire Control Center (FCC)
- Launch Control Center (LCC)

THE "ARROW" WEAPON SYSTEM

Power and efficiency

- Large defended area in stand-alone mode
- High lethality against various types of missiles and warheads
- TBM salvo interception
- Effective system for multi-tier/long range defense
- Early warning, target identification & impact point location capabilities
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Flexibility & Adaptability

- Open system architecture allowing integration and interoperability with other national air & missile defense systems
- Modular, easily expandable
- Flexible management of system resources
- Fully automatic as well as man-in-the-loop battle management
- Transportable system elements
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Interoperability

- AWS has been integrated and tested for interoperability with other air and missile defence systems

Production & Deployment

- AWS has been operational in the Israel Air Force since October 2000
- ARROW missiles are co-produced by the MLM Division of IAI, and Boeing Co.



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