

Compatriot

At the heart of the SFAI is the newly developed Compatriot Terminal Defense Muniton (CTDM). Raytheon Missile Defense and JohnKo Strategic Solutions have partnered to create a compact version of Raytheon's battle-proven MIM-104 Patriot, and the CMIM-132 Compatriot is all that it's bigger brother is and more. Nothing surpasses the Compatriot for defense against incoming munitions in their Terminal Phase (TP).

The SFAI Meta-system: Lethal, Survivable, Dynamic

In the SFAI Meta-system, targets are located and identified by Raytheon's Upgraded Early Warning Radar (UEWR), which are subsequently destroyed by Patriots guided by JohnKo's Alpha66 Command and Control Computer (A66-C3). As well as assuring missile defense elements work together seamlessly to correctly identify and completely neutralize all incoming threats, the Alpha66 also oversees the extensive ground and aircraft defense posture defending the SFAI platform. This typically consists of the classic General Electric Automated Rotary Cannon (ARC), JohnKorps Precision Ground Forces (PGF), and a combined squadron of General Dynamics V-31 Vertical Lift Interceptors (VLI), Bell-Huey Apache helicopters, and the JohnKo EMUAV-317 Submunition Microflyers (SM).

JOHNKO chief designer, John C. Rogers and Compatriot TDM



CMIM-132 SPECIFICATIONS

Dia.	18.2"	Payload	DAS-113
Length	13'0"	Warhead wt	29 kg
Weight	665 kg	Fusing	Penetrative Diffusion

Typical Defense Platform



A Minimal Footprint

The compact quality of the Compatriot extends to all elements of the SFAI System whenever possible. As the value of urban real estate continues to increase, available space is at a premium, and maximum defense with the smallest footprint is the one of JohnKo's primary goals. Minimal residential and commercial displacement is highly desirable, although some shuffling of domiciles and businesses may be necessary to maintain a defensible environment around the SFAI.

Satisfaction Guaranteed

A layered missile defense system is needed to ensure the safety of the AUE, and the SFAI is the final stage in this effort. With the eyes of the UEWR, the brain of the A66-C3, and the fist of the CTDM, It contributes with a uniquely effective blend of multi-range survivability, outstanding target discrimination and precision lethality in the critical end game phase of enemy projectile deployment.