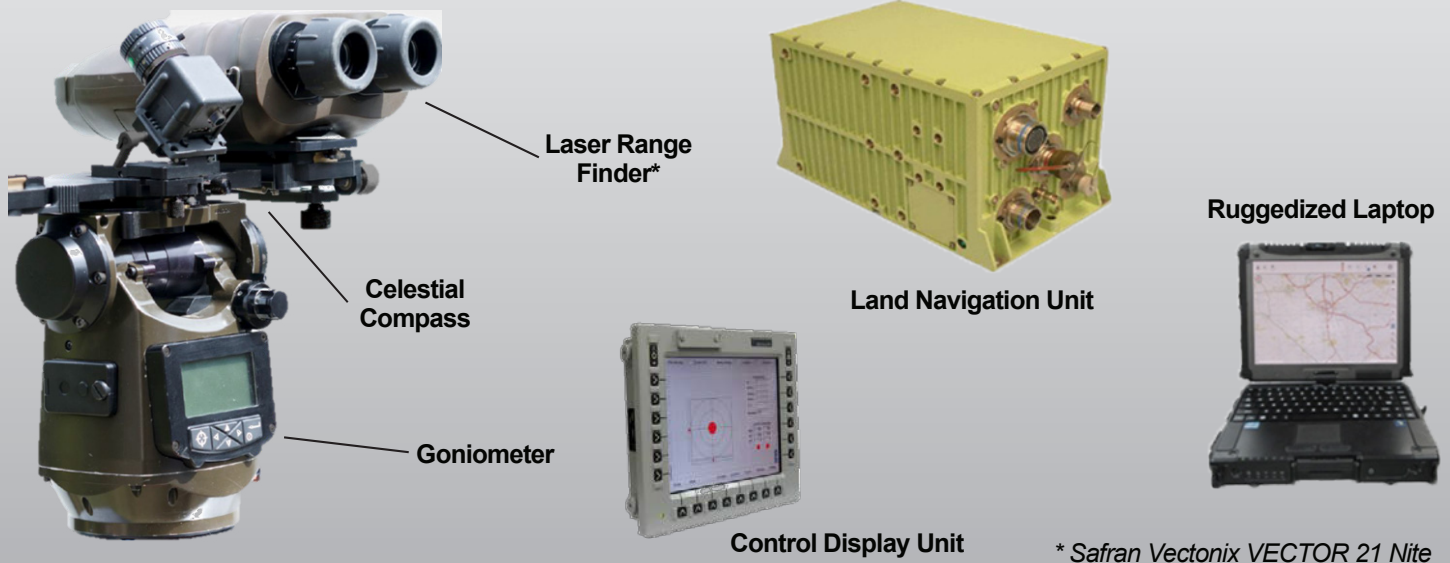


Advanced Battle Management System



C4I System Dedicated for Artillery Forces

Kearfott's Advanced Battle Management System (ABMS) is designed to work with Kearfott's Forward Observer System (FOS) and the Automated Tactical Artillery Control System on the towed or mobile howitzer or mortar.

ABMS provides the ability to command and control operational artillery plans and orders from the artillery command posts down to the gun level, and is based on the proven technology of the Gun NAPOS, Battery and Battalion Fire Direction Center, FOS, and Battalion and Brigade Fire Support Elements.

Features & Benefits

- ✓ Simplifies & Improves Battlefield Situation Awareness
- ✓ Shortens Time for Effective Target Engagement
- ✓ Prevents Friendly Fire Accidents
- ✓ Force Multiplier
- ✓ Delivers Accurate & Devastating Fire at the Right Place & Time
- ✓ Software Menus Available in Native Languages
- ✓ Saves in Weapon Systems, Training, & Ammunition Costs

Advanced Battle Management System Examples

Typical Forward Observer Fire Request at Battalion or Battery Level

Iron 4 Adj Table 3

Command Adjustment Adjustment History

Fire

Firing Units
Table 3

Target
AB 1234 Linear
(21S) 508267 / 8640058, 487

Adjustment MPI
Adjusting guns: 1
3 WP Interval: 30 seconds
Method: Guns
Fire Scheduling: At My Command

Fire Plan

Fire Scheduling: Activation Word
Duration: minutes
Guns:
Ammunition
HE Illum.: Smoke
PD: WP: Gray:
Proxy: ICM: Red:
Delay: Yellow:
Green:

Layer: Current State \ Drawing Cursor: (21S) 505612 / 84602452, 409 AB 1234: (21S) 508267 / 8640058, 487

#	Stage	Target	By				Firing Unit		Adjustment	
			Main		Backup		Main	Backup	Method	Ammo
			FO	OP	FO	OP				
1	A1	AB 1234	Me	CD 8899 CD 8890	Ax 18	CD 8899 CD 8897	Table 3	Table 2	MPI	WP
2	B	AB 8234	Me	FF 0001 FF 1023	Ax 18	EF 7689 EF 7786	Table 3	Table 1	MPI	WP

Location: (21S) 506601 / 8462288, 557

Typical Fire Direction Center Display Sent to Gun

Ax 17: Iron 4 Adj Ax 17

Cmd Open Adjust Reg. FFE

Target
AB 1234 Linear
(21S) 508267 / 8640058, 487

High Angle
Adjustment: MPI
Adjusting guns: 1
3 WP Interval: 30 seconds
Method: Guns
Fire Scheduling: At My Command

Fire Plan

Fire Scheduling: Activation Word
Duration: minutes
Guns:
Method:
Ammunition
HE Illum.: Smoke
PD: WP: Gray:
Proxy: ICM: Red:
Delay: Yellow:
Green:

Layer: Current State \ Drawing Cursor: (34) 505612 / S 8502452, 909 AB 1234: (21S) 508267 / 8640058, 487

Guns	1	2	3	4	5	6	7	8
Squares								
Azimuth %								
Elev. %								
Fuze Set								
FM	Iron 4 Adj	Iron 4 Adj	Iron 4 Adj	Iron 4 Adj	Iron 4 Adj	Iron 4 Adj	Iron 4 Adj	Iron 11
Last Cmd.	∕ CFF	∕ CFF	∕ CFF	∕ CFF	∕ CFF	∕ CFF	∕ CFF	∕ Cease Fire
Status	○	○	○	○	○	○	○	○

Location: (21S) 501535 / 8644201, 402

Kearfott Corporation Proprietary Information



GUIDANCE & NAVIGATION DIVISION

+1.973.785.6000
marketing@kearfott.com

19 Chapin Road, Building C
Pine Brook, NJ 07058