



US Army Small Arms Update



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Overall USAIC Strategy



- Sustain the current small arms fleet
 - Produce weapons to fill wartime and transformation needs
 - Resource overhaul to sustain the current fleet
 - Leverage high payoff near-term technologies
- Modernize the force
 - Develop the next generation of weapons
 - Pursue technology improvements
- Integrate the next generation
 - Spiral technologies into the force
 - Choose the right timing based on capability, readiness, timing



What Soldiers are Saying



- M4/M16, M240, and M2 perform extremely well
 - Need increased number of sights/optics
 - Desire to improve 300-600 meter rifle performance
 - Smaller, more compact weapons
- M249 – maintain capability, but improve reliability & durability
- M203 – increase accuracy and night capability
- M9 – improve performance, reliability, magazines

Source: Post Combat Survey data - over 2000 soldiers from 3/75, 3ID, 101st ABN, 1 AD, 3/2 SBCT, 10th MTN, 82d ABN



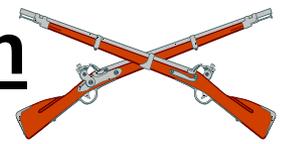
What Soldiers are Saying

- Mk19 – increase precision and urban utility
- Sniper systems – provide higher rate of fire and improve night capability
- Increased need for:
 - Shotguns (breaching)
 - Non-lethal capabilities
 - Intermediate target capabilities
- Reduce soldier load and power requirements

Source: Post Combat Survey data - over 2000 soldiers from 3/75, 3ID, 101st ABN, 1 AD, 3/2 SBCT, 10th MTN, 82d ABN



Objective Individual Combat Weapon (Increment I)



Family of Weapons

Carbine

Light Machine Gun

Designated Marksman

Carbine with ASLM and SGLM

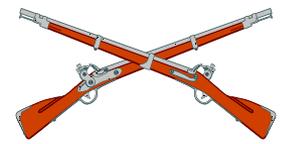
Special Compact

RFP Posted 11 MAY 05

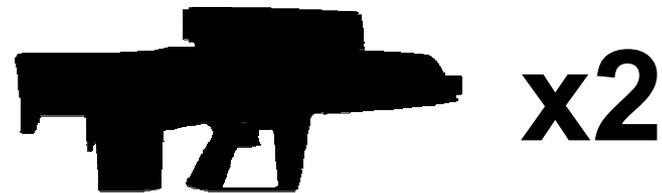


OICW Increment 2

(Draft Concept)



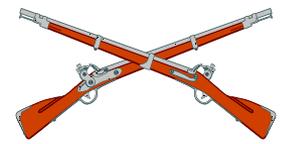
- Continues airburst system developmental path toward combined HEAB/KE system
- Does not displace any existing squad weapon – allow an “arms room concept” approach to the squad
- Creates load and ammunition management challenges
- Specific requirements under study



Plus Squad weapons



Where Industry Can Help



- Sights – long & short range integrated optics
- Fire Control technologies – 40mm day/night sight w/ rangefinder
- Reduce weight
- Reduce power requirements
- Stand-off breaching
- Intermediate target capabilities (glass/doors/walls)
- Non-lethal small arms capabilities



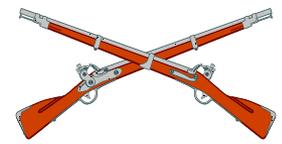
Industry Opportunities

- OICW Increment I Family of Weapons (Open RFP)
- Sight Competitions pending:
 - Close Combat Optic
 - Magnified Combat Optic
 - Machine Gun Optic
- Joint Combat Pistol (4Q05)
- Family of Suppressors (M9/M4/M249)
- Advanced Sniper Accessory Kit (FY06)





Advanced Sniper Accessory Kit



Cosine Device



Boresight Device



Camo Tape



Sniper Hide Tool Kit



Anti Cant Device



Weather Station



UNIVCLNKIT



Camo Paint



Camo Attach



Mini-LRF



Ballistic Computer



"Smart" Hearing

Items/photos for
example only

• Identified Need:

To enhance Sniper lethality/effectiveness & survivability, target acquisition, range determination, fire calculation, situational awareness, sniper-to-spotter interface, and camouflage and concealment

- Supports all Sniper weapons; Augments M24 Sniper Accessory Kit; Replaces Sniper & unit procured items
- BOI/Fielding concepts/quantities: Arms room concept 4,185 as per XM110 SASS BOI; Dovetail ASAK and SASS NETT