PM Individual Weapons Portfolio

Operations & Support

- M1911 Pistol
- M11 Pistol
- M9 Pistol
- M16A2/M16A4 Rifle
- M203/M203A1/M203A2 Grenade launcher w/ M4
- M14 Enhanced Battle Rifle (EBR)
- M500/M590 Shotgun
- M150 Rifle Combat Optic (RCO)
- M68 Close Combat Optic (CCO)
- M9 Bayonet
- M7 Bayonet

Production & Deployment

- M4/M4A1 Carbine
- M320 Grenade Launcher Stand-alone
- M320A1 Grenade Launcher w/ M4
- M26 Modular Accessory Shotgun System (MASS) Stand-alone
- M26 Modular Accessory Shotgun System (MASS) w/ M4
- XM17 Modular Handgun System (includes ammo)
- XM1081 TP & XM1083 HEAB
- Enhanced Performance Magazine
- Individual Weapon Cleaning Kit
- Enhanced Magazine

Development

- XM25 Counter Defilade Target Engagement (CDTE) Weapon System
- Next Generation Squad Weapon (Carbine)
- Tactical Compact Shotgun
- Subcompact
- Suppressors
- Small Arms Fire Control, Squad
- Intelligent Rail
- M4/M4A1 Upgrades
- XM17
- Grenadier Sighting System (GSS)
- As of: 23 Nov 15

“Provide premier Soldier weapons systems enabling battlefield dominance”
Path Forward

Near Term
- Continue to optimize Soldier weapons to gain and/or maintain battlefield overmatch
- Develop Small Arms Fire Control and a Government-owned Digital Fire Control Module
- Develop suppression requirements, techniques and technologies
- Provide counter defilade capability via fielding of the XM25 CDTE System
- Begin fielding a new handgun system
- Army carbine “Pure-fleet” completed
- Improve functionality, reliability, durability and parts life of existing systems

Mid Term
- Significantly increase Soldier lethality through Small Arms Fire Control
- Procure Next Generation Squad Carbine, Subcompact, & Designated Marksman Weapons
- Complete XM17 fielding; complete divestiture of legacy handguns
- Field integrated weapon and accessory management systems

Far Term
- Advance lethality through the application of Revolutionary technologies
XM25 Counter Defilade Target Engagement System

- **Description:**
  - Three highly integrated components, Gun, Fire Control and Ammunition, optimized to produce a programmable, precision fire airburst weapon system
  - Semi-auto, magazine fed, 25mm weapon:
    - Programmable, low velocity, high explosive airburst (HEAB) ammo and target practice (TP) rounds
    - Fully integrated day & thermal night sight with full solution target acquisition/fire control
  - Latest design incorporates upgrades in reliability, performance, manufacturability of the weapon, target acquisition fire control, and ammunition

- **Capabilities:**
  - Incapacitates targets in defilade & exposed targets
  - 500 meter effective range for point target; 800 meters for area target

- ✔ System in Engineering and Manufacturing Development
- ✔ Undergoing testing at Aberdeen Proving Ground, MD
- ✔ Low Rate Production starts, 1QFY17
- ✔ Currently producing systems:
  - Prime & Ammo: Orbital ATK
  - Weapon System: H&K Gmbh
  - TA/FC: L-3 Integrated Optical Systems

*Precision airburst capability increases squad effectiveness*
M4A1 Carbine

- **Description:**
  - A compact version of the M16A2 rifle, with a collapsible stock, a upper receiver accessory rail w/ detachable handle/rear aperture site assembly

- **Background:**
  - More than 90 performance-based design improvements since its inception in early 1990s
  - **Army authorized upgrade of all M4s to the M4A1 configuration in Sep 2010**
    - Will result in the conversion of approximately 483,000 weapons
    - Over 94K systems have been converted to date
  - **Army decision to “pure-fleet” its mix of M16/M4 carbines to the M4A1 in Jan 2014**
    - Limited Full & Open Competitive Contract awarded in Sep 2015 for a maximum quantity of 292K systems

- FN Manufacturing, LLC is currently producing systems for the U.S. Army
- **Limited Full & Open Competition**
  - Sources Sought Notice released, May 2014
  - RFP release, Dec 2014
  - RFP closed, Feb 2015
  - Contracts awarded, Sep 2015

Continue to incrementally improve the capability of the Army service rifle
M320/M320A1 Grenade Launcher Module

- **Description:**
  - The GLM is a 40mm grenade-launching weapon system
  - M320 mounts under M16; M320A1 mounts under M4 series
  - Improves squad level indirect/direct grenade launching capability out to 400m

- **Requirement:**
  - Capability Production Document (CPD), Feb 2007; Revised Jun 2007

- **Background:**
  - Full Materiel Release, Dec 2008
  - Over 41K systems fielded to date

**Full & Open Competition Contract**
- Awarded to Capco LLC, Jul 2015
- 5-year IDIQ contract for up to 32K systems in support of Army and other Service needs

Lightening the Soldier’s load with modularity
Small Arms Fire Control, Squad

- **Description:**
  - Integrated fire control optic consisting of direct view optic, ballistic module, atmospheric sensors, range finder, and in-scope display overlay

- **Requirement:**
  - Draft Capability Development Document (CDD) in HQDA staffing
    - Squad, Precision, and Crew Served as one CDD with separate Engineering and Manufacturing Development efforts
    - Squad, Precision, and Crew Served as three separate Capability Production Documents CPDs with Production and Deployment efforts

- **Acquisition approach (Squad):**
  - Full and Open Competition to award two indefinite delivery/indefinite quantity (IDIQ) contracts for a short term advanced developmental effort, with a down-select to a single vendor for production

✔ Industry Day #1, Aug 2015
- Draft Solicitation release, 1QFY17
- Requirement approved, 2QFY17
- Industry Day #2, 2QFY17
- Solicitation release, 3QFY17
- Contract Award, 2QFY18