Joint Service General Purpose Mask (JSGPM) M-50/M-51

MISSION
Provides face, eye, and respiratory protection from battlefield concentrations of chemical and biological (CB) agents, toxins, toxic industrial materials, and radiological particulate matter.

DESCRIPTION
The Joint Service General Purpose Mask (JSGPM) is a lightweight, protective mask system incorporating state-of-the-art technology to protect U.S. Joint forces from actual or anticipated threats. The JSGPM provides above-the-neck, head-eye-respiratory protection against CBRN threats, including toxic industrial chemicals. The M-50/M-51 provides improved CB protection, enhanced field of view, lower breathing resistance, reduced weight/bulk, improved drinking system design, and improved compatibility over fielded systems. The JSGPM is interoperable with existing legacy and commercial radio systems, while ensuring future operation with the next generation of communications equipment. The M-50/M-51 mask system replaces the M40/M42 series of field protective masks for the Army and Marine Corps ground and combat vehicle operations, as well as the MCU-2/P series of protective masks for Air Force and Navy shore-based and shipboard applications. This mask is currently being fielded to all four Services—a first in the history of development and fielding.

SYSTEM INTERDEPENDENCIES
Other Major Interdependencies
The JSGPM will interface with Joint service vehicles, weapons, communication systems, individual clothing, protective equipment, and CBRN personal protective equipment.

PROGRAM STATUS
• FY11: Production and fielding

PROJECTED ACTIVITIES
• FY12-FY13: Continued production and fielding
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FOREIGN MILITARY SALES
None

CONTRACTORS
Avon Protection Systems (Cadillac, MI)