The Third Generation Moog-FTS Stores Management System (SMS) is comprised of the Stores Management Computer (SMC), Stores Control Panel (SCP) and Stores Interface Units (SIU). This proven, rugged system is an affordable solution to stores management on both rotary and fixed wing platforms. The SMS leverages Moog’s extensive experience in sub-system integration, weapons and fire control solutions. The flexible modular design of the SMS enables fast delivery, rapid integration and future upgrades to the sensors, avionics and weapons, thus insuring the SMS’s value for future mission requirements and weapons expansion.

**Key Features**
- Lightweight – half the weight of comparable systems
- Compact overall size for optimized installation
- Flexible modular design
- Proven, rugged and affordable
- Fast delivery, rapid sub-system integration
- Customizable screen display
- High Performance with latest technology available
Stores Management System

Features:

- **Stores Management Computer (SMC)** – miniaturized rugged stores management computer
  - Integrated with various platform avionics and sensor systems
  - Multiple methods of target location input
  - LAR determination
  - Basic flight path guidance to release zone
  - Mission recording/diagnostics capability (via USB)
  - Manages up to seven (7) stores stations
  - Modular weapons expansion for future growth and mission requirements
  - PRF Code management
  - Continuous stores status and inventory management
  - MIL-STD-1760 and Ethernet weapon interfaces

- **Stores Control Panel (SCP)**
  - Customizable control interface for system power, fuze arming and jettison
  - NVG compatible

- **Stores Interface Unit (SIU)**
  - Customizable stores interface to various guns, rocket and missile launchers and Bomb Release Units (BRU)

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Multi-Function Display (MFD)

SCP

Table of Weapons:

- **BRU Mounted**
  - LGB (GBU-58)
  - GP Bomb (Mk-81/Mk-82)
  - Precision-Guided Munition

- **Dual Rail Launcher**
  - Hellfire (AGM - 114K)
  - DAGR

- **Rocket Launcher**
  - Hydra 70
  - TALON-LGR
  - GATR

- **Guns and Mini Guns**
  - GAU-19A
  - M134
  - M2/M3

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Moving Map System (MMS)

EO/IR Sensors

Aircraft Avionics

- GPS Radio
- GPS Receiver
- Autopilot
- AHRS
- WOW Switch

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Weapons Release Button/Trigger

SIU (Up to 7)
**Weapons and Platform Integration Experience**

**Integrated and Fielded:**
- Hellfire II Missile (AGM-114K)
- Laser Guided Bomb (GBU-58)
- General Purpose Bomb (Mk-81/Mk-82)
- Precision-guided munitions

**Capabilities:**
- Hydra-70 Rockets (M260/M261 Launchers)
- DAGR
- TALON Laser-Guided Rocket
- M134 Mini Gun
- GAU-19A
- M2/M3 Machine Gun
- GATR
- APKWS
- 30mm Cannon
- Enhanced Paveway (GBU-49)

**Sensor/Avionics Integration Experience:**
- FLIR BRITE Star II
- FLIR Star SAFIRE 380HD/HLD
- Wescam MX-15/D
- Wescam MX-10/D
- Moving Map
- Garmin
- Autopilot (Various)
Individual Product Specifications

Stores Management Computer:
- Compliant to MIL-STD-704
- Connector types: Series 80 Mighty Mouse-Miniature MIL-STD-38999
- 6.00" L x 3.25" W x 5.50" H
- Weight <4.0 lb (1.8 kg) — half the weight of comparable systems

Stores Control Panel:
- Compliant to MIL-STD-704
- Customizable control interface for system power, fuze arming and jettison
- NVG compatible
- 4.5" L x 2.13" W x 2.5" H
- Weight 0.68 lb (0.31 kg)

Stores Interface Unit:
- Compliant to MIL-STD-704
- Connector types: Series 80 Mighty Mouse-Miniature MIL-STD-38999
- MIL-STD-1760 and Ethernet weapon interfaces available
- Customizable control interface to various guns, rocket and missile launcher and bomb release units
- 4.58" L x 11 W x 3.28 H
- Weight 5.9 lb (2.68 kg)