MOUSE Information System (IS) Diagram

Satellite → SATCOM

MS (yellow)   MS (red)

Ultrasonic   EO/IR   Temp/Humidity

Temp/Humid-Environment
EO/IR-M-Environment
Ultrasonic-Environment

Mission Computer (M-MC)

MS (green)

TDP → MDS
MX-Laptop

GPS Satellite → GPS → VMSC → Drive-System

Legend
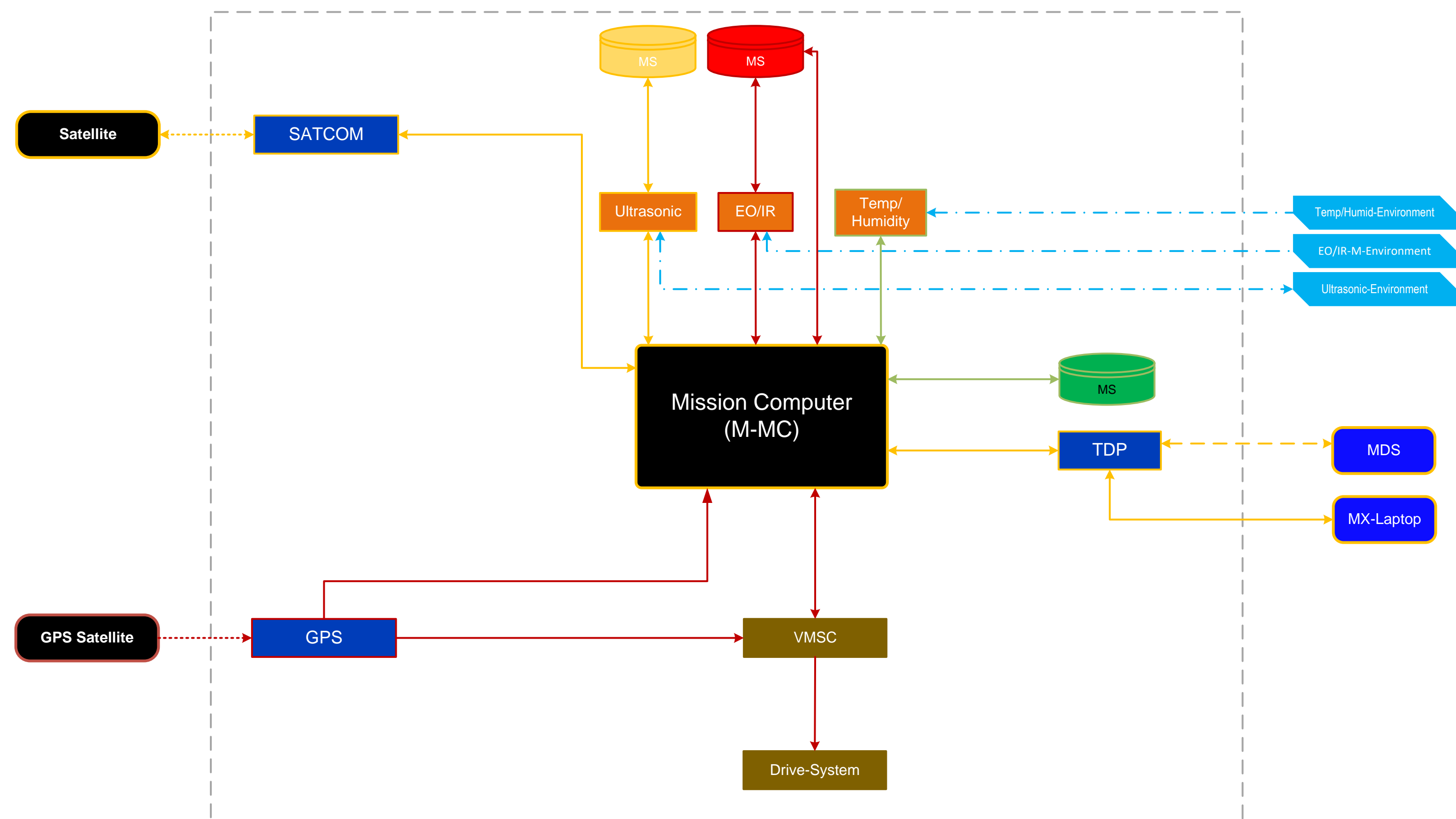
Key

- ⬜ TRAP Platform Boundary
- 🟫 Drive Control Subsystem
- 🟧 Sensor Subsystems
- 🟦 Support Subsystems
- ⬛ Data Relay Subsystems
- ── Yellow Data
- ── Red Data
- ── Green Data
- ─·─ Environmental Data
- ···· Radio Frequency
- ── Wired

MOUSE Internal Subsystems

SATCOM	Satellite Communications
GPS	Global Positioning System
M-MC	MOUSE Mission Computer
VMSC	Vehicle Management System Computer
Drive-System	Drive System
MS	Mass Storage
Temp/Humidity	Temp/Humidity Subsystem
EO/IR	Electro-Optical/Infrared Sensor Suite
Ultrasonic	Ultrasonic Subsystem
TDP	TRAP Docking Port

External Systems

Satellite	Satellite Communications
GPS Satellite	Global Positioning System
MDS	MOUSE Docking Station
MX-Laptop	Maintenance Laptop
	Temp/Humidity Environmental
	EO/IR Environmental
	Ultrasonic Environmental