

9760

Tactical Mobil Computer

For fuel supply officers, petroleum operators, and logistics teams who need real-time inventory visibility, transaction tracking, and daily fuel accountability at the tactical fuel point in austere environments, the 9760 Tactical Mobile Computer is a fully ruggedized, pre-configured laptop delivering FuelsManager® Defense software to the field. Tested to MIL-STD-810G for drop, vibration, humidity, and temperature, and sealed to IP65 against dust and water ingress, the TMC connects to the 8250 Tactical Interface Converter via RS232 or USB and consolidates data from all attached 8240 Tactical Data Units and 7660 Tactical Fuel Gauges into a single operator interface. Unlike commercial laptops, each 9760 is pre-configured by Varec engineering for its assigned fuel point, with optional wireless and GPS for command-level visibility and reporting.

Key Features

MIL-STD-810G Ruggedization

Tested to military standards for drop, vibration, humidity, and temperature, ensuring reliable operation in forward operating environments where commercial laptops cannot withstand conditions.

IP65 Environmental Protection

Fully sealed enclosure prevents dust ingress and protects against water jets, maintaining functionality during sandstorms, rain, and harsh expeditionary conditions.

Sunlight-Readable Display

14-inch FHD anti-glare screen with Direct-Vue™ technology provides clear visibility in direct sunlight, supporting outdoor fuel point operations without readability issues.

Pre-Configured Deployment

Factory-installed and configured FuelsManager® Defense software allows immediate operation upon connection, eliminating field setup and reducing commissioning time.

Centralized Data Aggregation

Consolidates inventory, transaction, and reporting data from TDUs and fuel gauges into a single operator interface for real-time fuel accountability.

Wireless and GPS Options

Optional mobile broadband and GPS enable network-connected reporting and location-aware fuel management across distributed or mobile fuel operations.

Typical Applications



FORWARD BASE FUELING

Provides operators with real-time inventory levels and transaction tracking at tactical fuel points supporting daily fuel accountability and reporting requirements.



AVIATION FUEL OPERATIONS

Tracks fuel issuance per aircraft with detailed transaction records, supporting accurate accounting and operational visibility for expeditionary aviation fueling.



MULTI-TANK FUEL FARMS

Consolidates data from multiple TDUs and gauges into a unified interface, enabling centralized monitoring of complex tactical fuel storage sites.



DISASTER RELIEF FUELING

Supports fuel operations in harsh, rapidly deployed environments where ruggedized hardware ensures continued operation despite environmental challenges.



LOGISTICS COMMAND REPORTING

Transfers daily inventory and transaction data to enterprise FuelsManager® systems, enabling command-level visibility and decision-making across fuel operations.



REMOTE INDUSTRIAL SITES

Provides standalone fuel inventory management and reporting capability for remote oil and gas or industrial locations without full IT infrastructure.

Benefits



Immediate Deployment

Pre-configured system eliminates field setup, allowing operators to connect, power on, and begin monitoring fuel inventories within minutes.



Reliable Operation

Ruggedized design and environmental sealing ensure consistent performance in extreme weather, vibration, and operational conditions encountered in field deployments.



Accurate Accountability

FuelsManager® Defense software automates inventory tracking and transaction logging, reducing errors associated with manual data collection and reporting processes.



Unified Visibility

Centralizes data from multiple tanks and devices into one interface, improving situational awareness and simplifying fuel management operations.



Enterprise Integration

Seamlessly transfers tactical fuel data to enterprise systems, enabling higher-level reporting, reconciliation, and operational control across organizations.



Reduced IT Burden

Pre-configured hardware and software minimize IT requirements, making the system suitable for remote or temporary installations without dedicated infrastructure.

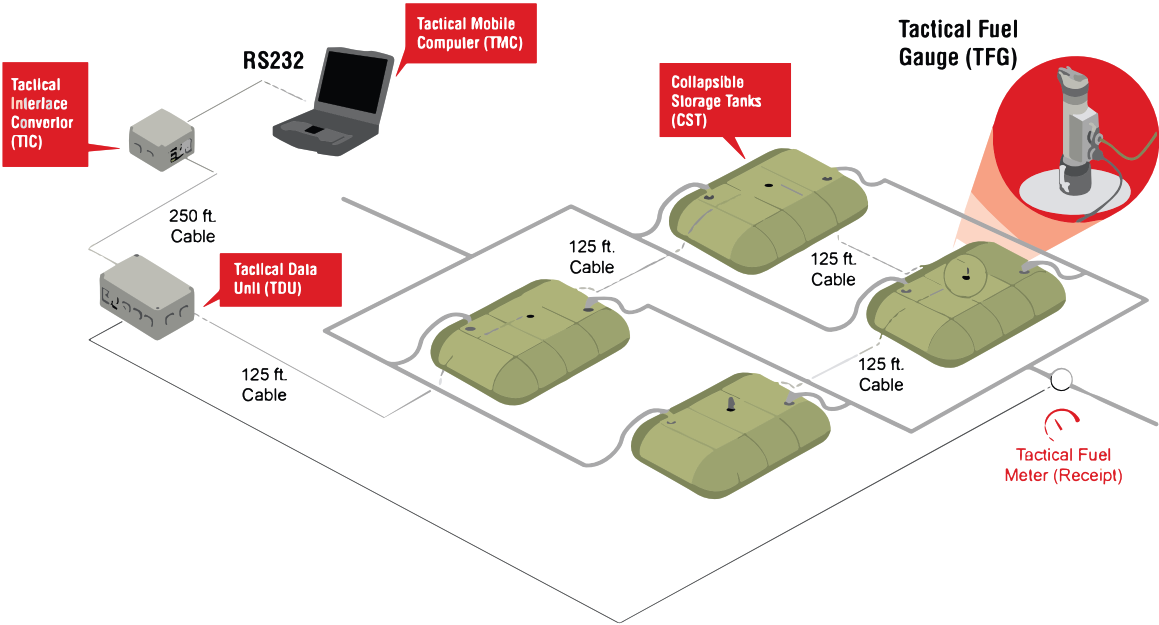
Technical Specifications

Specification	Details
Ruggedization Standard	MIL-STD-810G (drop, vibration, humidity, temperature)
Environmental Sealing	IP65 (fully dust-tight; protected against water jets)
Processor	7th Gen Intel® Core™ i3-7130U (Dual Core, 3M Cache, 2.7 GHz, 15W)
Operating System	Windows 10 Pro 64-bit (English, French, Spanish)
Memory	8 GB, 2×4 GB, 2,400 MHz DDR4 Non-ECC (standard)
Storage	2.5" 500 GB 7,200 RPM SATA hard drive (standard)
Display	14" FHD WVA (1920 × 1080) anti-glare, non-touch, Direct-Vue™ technology
Camera	Integrated camera with privacy shutter and microphone
Wireless	Qualcomm® QCA61x4A 802.11ac dual-band (2×2) Wi-Fi + Bluetooth 4.2
Connectivity Options	Mobile broadband and GPS (optional)
Host Connection	RS232 (standard) or USB (optional) to 8250 TIC
Power Supply	90W rugged AC adapter, 7.4 mm elbow barrel
Primary Battery	3-cell, 51 Whr, ExpressCharge capable
Software	FuelsManager® Defense (pre-installed and configured by Varec)
System Capacity	Supports up to 28 collapsible storage tanks per TacFuels® system
Configuration	Factory pre-configured by Varec engineering for specific fuel point; no on-site software
Approvals	Approved for normal locations (USA & Canada); SGS certified

Dimensions

Dimensions
GraphiPlaceholder

Typical System Layout



Model Number Selection

Model Number Selection
Placeholder

Summary

The TacFuels system transforms raw sensor data into auditable inventory records, and the 9760 Tactical Mobile Computer is the operator interface where that data becomes visible, actionable, and reportable. Running FuelsManager® Defense on MIL-STD-810G-tested, IP65-sealed hardware, it provides reliable performance in harsh operational environments while delivering real-time fuel inventory, transaction tracking, and reporting. Pre-configured by Varec engineering for each specific fuel point, the 9760 TMC eliminates on-site setup and enables immediate deployment. Integrated with the 7660 Tactical Fuel Gauge, 8240 Tactical Data Unit, and 8250 Tactical Interface Converter, it serves as the command-layer element of the TacFuels system, delivering the visibility and control required for accurate fuel accountability across tactical and expeditionary operations.

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This document is for information purposes only. All designs subject to change. Certified dimensions, specifications, and performance data available upon request