SEEKER MCA III

- Near Real-Time Vehicle Tracking via LAW, Leakage Record Upload and Remote Programming via WiFi, Ethernet, or USB

- Cost-Effective Solution Utilizing the Majority of Existing Seeker GPS Installation and Equipment

- Early detection notifications ensure large leaks will be identified immediately

- Automated process to prevent driver distraction while driving or working.

Ideal for analog & digital leakage monitoring drive-outs

Next-Generation Mobile Support

The Seeker MCA III offers high-performance GPS location recording and documentation when monitoring only the aeronautical bands with existing Seeker leakage detectors or monitoring both the aeronautical and LTE bands with the new Seeker D leakage detector. This device also allows you to daisy chain the mobile mounts of the Seeker and Seeker D units together in order to log data from multiple units mounted in the same vehicle.

While driving to a location or to work, the technician leaves the Seeker in the mobile mount, where it's connected to vehicle power, an antenna, and a GPS receiver. The Seeker MCA III automatically monitors leakage outbreaks and records the data with a time/date stamp and the leak's GPS location.

The operator has several options for providing the GPS receiver/antenna to link with the Seeker GPS system. If there is no existing unit, one can be obtained from Trilithic. If the vehicle is already equipped with a fleet management system using a GPS receiver, in many cases the Seeker GPS system can make use of it.

Uploading data records to a server can be fully automated, occurring whenever the MCA III detects any one of 10 possible operator-controlled Wi-Fi hotspots or on a timed basis via an in-vehicle network connection.

It has support for all current Wi-Fi encryption standards, including: WEP 128 bit (Open system and Shared key authentication), WPA-PSK (TKIP), and WPA2-PSK (AES).

Remote upgrade capabilities via the LAW server provide users with the ability to update firmware without physically connecting to the Seeker MCA III. This feature also provides the ability to perform remote firmware upgrades on the Seeker D when it is placed in the included mobile mount.

Operators can observe near real-time vehicle tracking via LAW with a one-minute refresh interval.

innovative technology to keep you a *step ahead*

Early Detection Notifications

When a set threshold level within the Seeker has been surpassed, Trilithic's Leakage Analysis Workshop™(LAW) will email an EDN (Early Detection Notification) to insure that large leaks will be identified immediately. This automatic process helps keep the technician from being distracted while driving or working.

SEEKER MCA III INCLUDES:

MCA III
P/N 201169000

Seeker MCA III to Mobile Mount Power and Data Cable

2.4 & 5 GHz Wi-Fi antenna

Shielded ethernet cable (10ft)

OPTIONAL ACCESSORIES:

Garmin® GPS receiver for Seeker MCA II & Seeker MCA III
P/N 2071707004

Industrial-grade Wi-Fi access point
P/N 2011222000

Garmin FMI Cable (FMI-40)
P/N 2071585025

Garmin FMI Cable (FMI-40 Euro)
P/N 2071585027

Garmin FMI Cable (FMI-15)
P/N 2071585026

Seeker MCA II or MCA III to Wireless Matrix or SageQuest Data Cable
P/N 2071585030

REPLACEMENT PARTS:

Shielded ethernet cable (10ft)
P/N 2072213010

Seeker MCA III to Mobile Mount Power and Data Cable
P/N 2071585029

2.4 & 5 GHz Wi-Fi antenna
P/N 2071677004

SEEKER MCA III SPECIFICATIONS

	Specification
Ethernet Connection	Standard 10/100 RJ45 connection to fleet management systems
Early Detection Notification (EDN)	Email notification of threshold exceeding leaks
Wi-Fi Connection	Standard Wi-Fi (802.11 a/b/g/n) to operator-controlled and configured hot-spot

innovative technology to keep you a *step ahead*