

Activity and error screens

If a new activity and/or error occurs within the device, the system displays a popup message to indicate the type of activity and then returns to the previous screen after 10 seconds.

If a new activity or error occurs prior to expiration of the 10 seconds, then the new message will be displayed and the 10 seconds will start again. The only exceptions to this rule are the Wi-Fi and Ethernet Upload In Progress screens which will remain on the screen until the upload is complete, an error occurs, or the **Select** button is single clicked.

Activity screen	Description
DATA UPLOAD COMPLETED	The MCA III successfully completed not only an exchange of data with LAW, but also removed that data from its own memory as well.
EDN UPLOAD IN PROGRESS	The MCA III is attempting to send the LAW server EDN leak information.
ETHERNET SOCKET ERROR	The MCA III could not connect to the specified endpoint server socket via Ethernet. Verify that the endpoint server is running and that the network socket is not blocked by any firewall.
ETHERNET LINK HAS CHANGED	The Ethernet connection has either been newly connected or disconnected.
ETHERNET UPLOAD IN PROGRESS	The MCA III is attempting to upload logged data to the LAW server via the Ethernet connection.
FMI CONNECTION ERROR OCCURRED	An error occurred when attempting to contact the Fleet Dispatch Server. This can occur in an area that has weak or no signal available at the time of upload or the connectivity information (IP/DNS and/or port) is incorrect. Move to a location that has a signal or use the Seeker Setup software to correct this error.

Activity screen	Description
FMI UPDATE IN PROGRESS	The MCA III is attempting to communicate with the Fleet Management Server.
GPS CHECKSUM ERROR	The MCA III receives corrupted data from the GPS. The likely cause is either a defective GPS module or damaged GPS cable.
GPS FIX LOST	The MCA III receives at least one message from the GPS indicating that it does not have a valid GPS fix.
GPS TIMEOUT OCCURRED	Displayed when the Seeker MCA III has not received a GPS message in the last 5 seconds. The likely cause is either a defective GPS module or the GPS module is not connected to the Seeker MCA III.
MEMORY CLEANUP IN PROGRESS	The MCA III is attempting to erase a portion of the flash memory. This is typically displayed after a data upload when memory is running low.
METER SYNC IN PROGRESS	The MCA III is attempting to synchronize with the Seeker meter.
SHUTTING DOWN	The MCA III is attempting to turn off to save power (AKA going green). This will occur if the ignition is turned off for the duration of the vehicle timer and/or if the vehicle battery voltage is too low to continue (approximately 10.5 volts) for at least 10 seconds.
UPLOAD ERROR OCCURRED	An error occurred when attempting to upload the data to the LAW server. This can occur in an area that has weak or no signal available at the time of upload or the connectivity information (IP/DNS and/or port) is incorrect. Move to a location that has a signal or use the Seeker Setup software to correct this error.

Activity screen	Description
<p style="text-align: center;">USER REQUEST CONFIRMED</p>	<p>You have successfully issued a “double-click” to confirm your request of an operation to be performed.</p>
<p style="text-align: center;">WIFI ASSOCIATION FAILED</p>	<p>The MCA III was not able to establish an association connection with a wireless access point. Verify that the security settings match on both the Access Point and the MCA III and that the AP is in range.</p>
<p style="text-align: center;">WIFI DNS REQ ERROR</p>	<p>The endpoint server DNS name could not be resolved over the WiFi connection. Verify that the device can reach the specified DNS server and that the DNS server can resolve the name specified to the MCA III using Seeker Setup. You may need the assistance of IT staff to correct this problem, or switch to using a static IP. This can be the result of a poor or weak cell signal if connecting to a vehicle hotspot.</p>
<p style="text-align: center;">WIFI MODULE POST ERROR</p>	<p>The internal self test of the WiFi module failed. If the error persists, return the device to the factory for repair.</p>
<p style="text-align: center;">WIFI NET OR IP ERROR</p>	<p>The MCA III could not obtain an IP address from the wireless access point. If the MCA is set to DHCP, verify the access point provides a DHCP server or a route to a network DHCP server. This can be the result of a poor or weak cell signal if connecting to a vehicle hotspot.</p>
<p style="text-align: center;">WIFI SIGNAL LEVEL ERROR</p>	<p>There is a problem reading the WiFi signal levels. This error is not critical, but may indicate a problem with the device if it persists.</p>
<p style="text-align: center;">WIFI SOCKET ERROR</p>	<p>The MCA III could not connect to the specified endpoint server socket via WiFi. Verify that the endpoint server is running and that the network socket is not blocked by any firewall. This can be the result of a poor or weak cell signal if connecting to a vehicle hotspots.</p>
<p style="text-align: center;">WIFI UPLOAD IN PROGRESS</p>	<p>The MCA III is attempting to upload logged data to the LAW server via the Wi-Fi connection.</p>

LAW display screens

These messages appear when the Leakage Analysis Workshop (LAW) server transmits information to the MCA III.

Activity screen	Description
BLANK TRUCK ID	LAW does not have an ID associated with this truck.
TRUCK NOT RECOGNIZED	LAW has associated the truck ID with different hardware.
UNINITIALIZED TECH	There is no tech to associate the data with. Generally caused by a meter with an undefined tech ID.
TECH NOT FOUND JOE	LAW does not have any record of this technician. An account needs to be set up in LAW for the tech.
SAVING DATA FAILED	LAW was not able to save data during upload.