

Date: March 30th, 2018
Subject: Lighthouse 3.4 Upgrade



Dear FLIR Maritime Partners,

FLIR Maritime is pleased to announce the latest upgrade to our Raymarine LightHouse 3 operating system. The new LightHouse 3.4 update brings the introduction of LightHouse Apps plus several upgrades and enhancements to the LightHouse OS.



LightHouse Apps are an exciting new way to expand the power and capabilities of the LightHouse 3 OS. Axiom users can now stream entertainment from Netflix and Spotify and access Theyr's GRIB global weather service. With LightHouse Apps Raymarine is making it easy for marine technology partners and app developers to integrate with Axiom and the LightHouse 3 OS. We will continue to expand LightHouse Apps with future support for Seakeeper gyro stabilizer control, mazu satellite communications, and more!

In addition to LightHouse Apps, LightHouse 3.4 brings several new features, enhancements, and fixes. See the feature list below or visit Raymarine.com for complete details and compatibility with your device.

LightHouse 3.4 Feature List

- LightHouse Apps
 - Netflix and Spotify app support. Enjoying streaming music and movies on Axiom MFDs! Netflix and Spotify require a Wi-Fi internet or mobile hotspot connection, a valid subscription to each service, and a Bluetooth audio device in the system.
 - Theyr GRIB Weather - Access global weather data from Theyr with a GRIBview subscription. Download 10-day forecasts and monitor NEXRAD Radar. Subscribe directly from your Axiom or Axiom Pro (requires WiFi connection.)

- LightHouse Apps are only available on Axiom or Axiom Pro displays. LightHouse 3.4 for eS and gS Series does not support Lighthouse Apps
- Bluetooth Audio Out
 - Pair to Bluetooth speakers to broadcast system alarms and stream LightHouse Apps entertainment services
 - Bluetooth audio output is only available on Axiom and Axiom Pro displays. LightHouse 3.4 for eS and gS Series does not support Bluetooth audio
- Alarm Enhancements
 - View alarm history tab from the alarms dialogue via the home screen
 - Access digital switching settings in the main alarm settings dialogue
 - New active alarm icon alerts with unique home button icons visible on all apps pages as well as the home screen
- Radar Upgrades – Detect and update the software in network-connected radar scanners
- New Features Added:
 - Find Nearest – hotspot anywhere on the chart select “Find Nearest” menu to select from common cartography categories
 - Tides Modes & Tides/Current Graphs –Hotspot on Tide and Current Stations to access tide and current graphs
 - Fuel manager – Manage fuel consumption with the Fuel/Trip dialogue in My Data
 - Shared brightness control across grouped Axiom, Instrument and VHF screens
 - Custom Splash screen– Load your favorite PNG, BMP or JPEG image files
- 3.4 Resolves a Navionics chart rendering issue when charts are shared between networked displays
- Other bug fixes and other performance enhancements.

How to Upgrade to LightHouse 3.4

Upgrade from a Wi-Fi connected MFD or download LightHouse 3.4 to a microSD card. Upgrade files can be found here: www.raymarine.com/multifunction-displays/lighthouse3-4.

Axiom UAV Update

At the Miami International Boat show we previewed Axiom UAV functionality. This exciting integration between Axiom and DJI drones is planned for release with LightHouse 3.5 in June of this year.

We are confident LightHouse 3.4 will excite your customers. If you have any further questions about LightHouse 3.4 please contact your regional sales or country manager.

Best Regards,

The FLIR Maritime Team