

# REEFER UPDATE

The latest news from Multimarine Services  
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Multimarine Services Inc.  
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The hot topic that has the refrigerated truck and trailer community in a buzz lately is the controversial APX software. It has been a bumpy road to say the least. We understand your hesitation not to upgrade your software; fearing the unknown and not being able to go back to what you know. In the past alarms would go off for no reason and possibly lose your loads for unknown reasons. We feel your pain and want to make this right for everyone.

The most recent update, which was released on 4/28/2015, should address many of the concerns circulating out there.

Remember this system is designed to make all of our lives easier. After many service calls, conference calls with the engineering staff at Carrier, and group strategy meetings; our skilled technicians at Multimarine have concluded that the latest update from this spring has improved from the previous software in many areas.

"I have not failed. I've just found  
10,000 ways that won't work."  
- Thomas Edison

The logic for the contactor control board had been improved. The display wakes up faster when downloading or installing software. The "inspect mode" has a two second recorder; providing a more detailed picture for download analysis; making current and prospective efficiency possible. Together, if we can see where temperature abnormalities occur, we can tell what variables are affecting the load.

Updates have been made to improve the electronic expansion valve operation for the host unit. This software also monitors and eliminates compressor damage caused by liquid slugging. Oil levels in the compressors are also monitored to make sure oil returns from the remote evaporators.

These solutions should provide peace of mind and allow us all to work smarter and not harder. Hopefully silencing those alarms!



## Things to Remember:

- When you replace a compressor make sure to check the other affected parts. ie gear drive.
- Any part that exposes the refrigeration system make sure you have a dryer handy.
- Keep those fuel tanks filled to avoid a costly prime. Units burn about one gallon of fuel per hour.
- Darker colored trailers and trucks are less efficient than those that are white or another lighter color.