



A Leader in Electric Motor Testing

# Tip Of The Week

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## Optimizing Data Transfer

Many reliability programs are utilizing wireless communications to transfer recorded test data to a centralized dB on protected servers for analysis and storage. Wireless technology has come a long way, but it's not perfect and not guaranteed as it can be affected by variables outside its control such as structural interference, computer interrupts, power supply anomalies, and maybe even severe weather. To maximize the successful transfer of data it is wise to break up a large amount of data into smaller increments. Specifically, with MCEGold® software PdMA uses a synchronizing process to transfer data from a local field tester to the network server. This is done through the selection of assets in a WatchList. The larger the WatchList the more time required to transfer the data and the more opportunity for the wireless anomalies mentioned before to occur. Additionally, you don't have to always synchronize the entire WatchList. If you have 25 motors in a WatchList on the local field tester, but you only tested two of them, then synchronizing only the two tested will not only improve your success rate, but save unnecessary time taken to check the other motors for new data during the synchronizing process. So, when it comes to WatchLists, *More Is Less*. More WatchLists with less motors per WatchList is the way to improve your synchronizing and data transfer. Finally, check your synchronization settings. There are a variety of options to minimize the data transferred between the network and the local field testers depending on your individual needs as a technician/analyst.

*You are invited to submit an Electric Motor Testing Tip of your own and receive a free PdMA® mug or hat if we publish it! Contact Lou at 813-621-6463 ext. 166 or [lou@pdma.com](mailto:lou@pdma.com).*

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