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### **FOR IMMEDIATE RELEASE**

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## New White Paper from Measurement Computing Improving Measurement Quality with Signal Conditioning

**Norton, MA – August 29, 2013** – Measurement Computing, the value leader in data acquisition, today announced the release of a new white paper in the series of Data Acquisition Fundamentals handbooks, *Improving Measurement Quality with Signal Conditioning*.

The 41 page white paper details the most common types of signal conditioning used in data acquisition. Each technique has its benefits and limitations. This document seeks to explain the best practices and most common use cases. Circuit diagrams and equations describe how to select the correct components. Understanding the unique characteristics of these signal conditioning methods will help improve the measurement accuracy of any data acquisition system.

Topics include:

- Analog Front-End Topology
- Instrumentation Amplifiers
- Filtering
- Attenuation
- Isolation
- Linearization
- Circuit Protection and more

The white paper is now available as a free download from the Measurement Computing website at [www.mccdaq.com/Learn](http://www.mccdaq.com/Learn). In addition to this white paper, users will find several DAQ publications from MCC including the *Data Acquisition Handbook*, *Guide to DAQ Signal Connections*, *Making Accurate Temperature Measurements* white paper, and more.

### **About Measurement Computing**

Measurement Computing ([www.mccdaq.com](http://www.mccdaq.com)) is the market leader in the design, manufacture and distribution of value-priced data acquisition hardware and software. Headquartered in Norton, MA, the company provides test and measurement solutions for

both programmers and nono programmers as well as custom designs for OEMs. The company offers higho quality, reliable products, backed by one-year limited warranty and free technical support.

Click below to see a photo of the *Improving Measurement Quality with Signal Conditioning* white paper:

[http://www.mccdaq.com/press\\_releases/pr\\_photos/PRO\\_Signalo\\_Conditioningo\\_WP.jpg](http://www.mccdaq.com/press_releases/pr_photos/PRO_Signalo_Conditioningo_WP.jpg)

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