Product Vision

PC-based data acquisition products from IOtech are designed to the following guidelines, resulting in solutions that are versatile and expandable, economical to own, and easy to use.

1 PC-Leveraged architecture that gets better over time

IOtech products leverage as much of the PC's processing, display, communication, and data storage capability as possible. We recognize that PCs will continue to evolve and improve at a *much faster pace* than data acquisition hardware, and thus we design our PC-based data acquisition solutions to leverage the built-in capabilities of the PC. As a result, when you upgrade your PC over time, your IOtech-based data acquisition solution improves as well.

2 Signal conditioning and expansion capacity that's built-in from the start

Our data acquisition equipment can accommodate new signal conditioning and expansion hardware for many years after the initial purchase. We incorporate expansion capability into all of our base products, reducing the cost of ownership by enabling our products to be used on new applications, long after the initial application for which it was purchased is complete.

3 Open software architecture to match *YOUR* preference, not ours

Our approach to software is to make it as easy to get started as possible. That's best accomplished by making our hardware compatible with the software environment with which you are *already* familiar, vs. limiting you to use a single software environment. In contrast, many suppliers require you to use their in-house developed software package, leaving you with few alternatives if the software doesn't fit all of your current or future needs.

IOtech products, designed with these features, provide the highest performance and the lowest overall cost-of-ownership.

All new Signal Conditioning Handbook

We've published a new Signal Conditioning Handbook, providing technical information on a wide variety of signal conditioning techniques, from thermocouples to strain gages and accelerometers. This book is ideal for understanding how various sensor types operate, as well as how to make accurate and reliable measurements. To receive your FREE handbook, simply visit our website at

www.iotech.com/sigcon.