CAS DATALOGGERS

CONNECT YOUR PROCESS TO THE CLOUD WITH DELPHIN

Streamline Your Process or Test Stand

Around the world, many companies are benefitting from the new opportunities and possibilities of the Internet of Things (IoT). Increasingly in factories and plants, specialists from different departments work together in teams to optimize processes and to test new products.

Linking to the cloud is fast becoming an integral part of condition monitoring, process optimization, or simply to achieve more effective system communications.

These new capabilities increase efficiency in remote monitoring of plants and machinery, and also improve systems monitoring. Many approaches aim to condense existing process measurement data into meaningful information for subsequent in-depth analysis.

At CAS DataLoggers we distribute Delphin data acquisition systems in the USA. These German-manufactured products are popular with users in many industries for process monitoring, test bench control, and more.

The Future is Networked!

While stand-alone test stands don't necessarily need to communicate with upstream or downstream systems, the demands are usually different for production test stands. Horizontal communication between different systems and machines at field level is essential here. Test results need to be transferred via standardized interfaces to production management and ERP (Enterprise Resource Planning) systems.

Delphin and its USA distributor CAS DataLoggers can fully support you in connecting and networking your machinery and test stands to the cloud. Benefit from OPC UA today! We will be glad to advise you and work with you to develop a practical concept.

Delphin Systems for Flexible Automation

The popular Delphin Expert Series comprises the Expert Logger, Expert Vibro and Expert Transient devices. These systems are equipped with internal OPC UA servers and clients which can be used for vertical and horizontal communications. Delphin devices

also support a multitude of field bus systems such as ModBus TCP, ProfiBus, etc. Online data is accessible via a web interface.

Delphin devices are also capable of carrying out detailed online analyses such as vibration analysis, an already well-known and established procedure. But there are also intelligent evaluation procedures, such as correlation and other mathematical processes, which offer enormous potential to more efficiently monitor and manage processes.

Another clear industry trend is the increasing requirement for decentralized intelligence, which Delphin products are easily able to meet. Intelligent, decentralized units are able to transfer your measurement data and analyses to the cloud. A cloud can be the internet, a company network, or simply a service technician's mobile device. OPC UA makes these communications possible. It provides a data interface to many cloud services such as IBM Watson or Microsoft Azure.

Everything from One Source!

Delphin's test measurement and automation systems come equipped with the powerful yet intuitive ProfiSignal Software. Whether you want to record measurement data, monitor systems, or automate test stands, Delphin has the ideal solution. The combination of universal devices and a professional sales consulting team will help you quickly find the right solution.

For more information on Delphin Technology products, or to find the ideal solution for your application-specific needs, contact a CAS DataLoggers Application Specialist at (800) 956-4437 or visit our website at www.DataLoggerInc.com.