

Define Instruments unveil new Smart Relay with IIoT Cloud Interface

Manufacturing businesses now able to use their own machine data to cut costs and improve efficiency

DALLAS, TX, UNITED STATES, April 23, 2018 /EINPresswire.com/ --

[Industrial IoT instrumentation manufacturer](#) Define Instruments today released the latest addition to its IIoT (Industrial Internet of Things) product range.

The Nimbus is a [smart relay unit with a built-in Cloud interface](#).

Designed specifically to allow industrial companies to control and connect their process machinery to the Cloud, the Nimbus provides the opportunity to improve efficiency and reduce costs by utilising operational data from production line machines to more accurately plan maintenance, consumables replenishment, parts replacement and other ongoing tasks.

“There are literally hundreds of thousands of unconnected industrial machines on shop floors, factories and manufacturing plants around the world”, explains Define Instruments President, Anthony Glucina.

“The Nimbus at last gives the owners of this hardware a way to evaluate the overall “health” of their machine, and so avoid catastrophic failure or costly downtime.”

Many industrial companies are taking their first steps in deploying IIoT solutions like the Nimbus in their operations. A recent report by Engineering.com which surveyed 226 manufacturing professionals about their plans to include IIoT technology in their production environments reported respondents across all industries at an early stage of deployment with pilot projects.

Described as an “All-in-one solution” for controlling small machines, the Nimbus is conveniently compact (3.98” x 0.91” x 4.72”) and provides 3 programmable relay outputs capable of switching mains powered equipment.

It supports a wide range of communication protocols including Modbus and MQTT with physical connections of WiFi, RS485, RS232 or external 3G/4G modem.

Learn more about the [Nimbus Smart Relay and IIoT interface](#) and its innovative mobile dashboard app.

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