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FlexSCADA's Off-Grid Wind and Weather Monitoring Enhanced by Integration of Ultrasonic Anemometer

Mission Critical Energy Named Anemoment's Newest Authorized Distributor

Amherst, NY – (December 1, 2020) – Mission Critical Energy, Inc., a strategic provider of mission critical off-grid monitoring, control and electrical generating equipment today announced that they have become the newest authorized distributor for Anemoment's complete line of meteorological solutions, including the TriSonica™ Mini Wind and Weather Sensor.

"Our relationship with Mark Dettmer and Mission Critical Energy is long-standing," said Elizabeth Osborn, President/CEO, Anemoment LLC. "Mark has been a valued advisor to both Stephen and I for many years now. Having him elect to become an authorized distributor for our products is a huge vote of confidence in our company and our technology."

Mission Critical Energy will be promoting Anemoment's TriSonica Mini Wind & Weather Sensor in various configurations, including the newly available FlexSCADA Kit (Figure 1) which includes the TriSonica Mini, FlexSCADA Converter and cable assembly, primarily on the company's flexscadafusion.com site.

"In a typical year, and 2020 is anything but typical, I attend nearly two dozen trade shows and exhibitions worldwide," says Mark Dettmer, President, Mission Critical Energy, Inc. "That provides me an opportunity to gain exposure to a variety of new and innovative technologies applicable to off-grid applications. That is exactly how I discovered Anemoment and their unique ultrasonic anemometer, the TriSonica Mini. Our decision to become an authorized reseller was a natural progression as we expanded our involvement in FlexSCADA."

About the Anemoment FlexSCADA Kit

The FlexSCADA Kit includes a TriSonica Mini Wind & Weather Sensor, the FlexSCADA Converter, and both 2 and 5 meter cable assemblies. Users will now have the ability to remotely monitor and evaluate winds for future installations of telecom towers and wind turbines without the cost of a large microwave backbone, all with extremely low power consumption (typically as low as 0.4 watts).

"For our clients in the remote repeater market, including those monitoring telecom towers and wind turbines, reliability and power consumption are key," states Jon Mundall, Managing Director–FlexSCADA, Division of Com Com Services Ltd. "The TriSonica Mini Wind and Weather Sensor brings a new level of accessibility and transparency to our

FlexSCADA customers and clients can leverage to better monitor and evaluate wind and weather conditions impacting their investments."
In addition to providing complete wind statistics (wind speed, direction, temperature, moisture borne in the wind, dew point, and air density), the TriSonica Mini Wind and Weather Sensor (FlexSCADA Kit) combined with the FlexSCADA Q5 allows users to autonomously monitor and control their micro wind turbines, enabling remote and automatic shutdown of turbines during high wind events.

About the TriSonica Mini Wind and Weather Sensor
The TriSonica Mini Wind and Weather Sensor optimizes size, weight, and power (SWaP) variables. As the world's smallest and lightest 3D ultrasonic anemometer, the TriSonica Mini Wind and Weather Sensor has proven to be reliable and accurate in a variety of applications where monitoring of atmospheric conditions is required. Their compact size and maintenance free, no moving parts design makes them ideal for both portable and temporary deployments, as well as permanent installations.

About Anemoment LLC
Anemoment LLC is a specialized meteorological instrument design firm located in Longmont, CO. Anemoment produces the world's smallest and lightest 3-dimensional ultrasonic anemometer. Small enough to fit in the palm of your hand, the TriSonica Mini Wind and Weather Sensor is a highly accurate, powerful tool for anyone involved in atmospheric monitoring, weather reporting, turbulence calculations, and ecosystem research. Its size makes it well suited for unmanned aerial vehicles (UAV), while the fact it has no moving parts (or maintenance issues) makes the TriSonica Mini perfect for permanent installations. With its patented wave signal noise reduction technology, the TriSonica Mini Wind and Weather Sensor gives users the power to "Know the Wind."

Figure 1: Anemoment's FlexSCADA Kit (TriSonica Mini Wind & Weather Sensor, FlexSCADA Converter, and 2- and 5-meter cable assembly).

About FlexSCADA and Mission Critical Energy

FlexSCADA™**,** a subsidiary of Com Com Services Ltd., is the manufacturer of the FlexSCADA off-grid SCADA system. Mission Critical Energy, Inc., is a strategic provider of mission critical off-grid monitoring, control and electrical generating equipment. Over the past decade, both Com Com Services Ltd and Mission Critical Energy have become industry leaders in the development and deployment of off-grid technology.

The FlexSCADA line has been successfully deployed in demanding locations around the world and has become the new standard for monitoring and automating remote off-grid solar, wind, fuel cell and battery powered sites. Their products have garnered an industry-wide reputation for reliability under the harshest operating conditions, from the freezing cold of the Arctic-Circle to the burning heat of the Middle Eastern desert.

Mission Critical Energy Inc. is a privately-owned USA Company and a New York State Based S-Corporation. Additional business units of Mission Critical Energy include IMT Solar, a provider of Irradiance Sensors and PV Quality Assurance Equipment.