

Nighthawk releases 3 Phase Commercial and Industrial Electric Metering PolyMesh Cellular 480

July 8, 2015 – Coppell, TX – Nighthawk, a leading wireless smart grid solutions provider, announces the release of its PolyMesh Cellular 480 Commercial Mesh-Cellular AMI meter system. The PolyMesh Cellular system consists of a Mesh-Cellular™ Hub and a number of PolyMesh Cellular 480 commercial meters. These Mesh-Cellular AMI commercial meters are designed to provide remote meter communications by simply replacing the communications boards inside your existing end-of-life commercial GSM/GPRS cellular communication modules.

Nighthawk has designed the PolyMesh Cellular 480 to be the most cost effective and robust solution available for utilities addressing the sun-setting of GSM/GPRS networks. The Nighthawk device future proofs this investment with our exclusive Mesh-Cellular technology architecture, which removes the cellular modem from inside the meter and shares its cellular capabilities across multiple meters. Future cellular upgrades when and if needed will be easily implemented by simply upgrading the limited number of shared hub units required.

Nighthawk's PolyMesh Cellular 480 system comes under the glass in the Itron SENTINEL® Commercial meter and is available in 16S, 12S, 9S and 2S form factors. This single hub can then bi-directionally communicate with any number of nearby PolyMesh Cellular 480 meters or other Nighthawk AMI mesh devices.

Mesh-Cellular technology leverages public cellular communication infrastructure with local mesh clusters. The PolyMesh Cellular 480 system will allow utilities to exploit Nighthawk's versatile WebConnect Cloud software platform with Customer Portal option, offering a range of Smart Grid functions with just the click of a mouse.

Utilities now have the ability to address challenging commercial applications such as outage notification, off cycle reads, Time of Use, and more. All of this can be done on a targeted basis with the click of a mouse. Nighthawk technology allows for system wide AMI features and savings by addressing key challenges such as on-demand remote power control and on-demand usage information.

Nighthawks mesh-cellular radio PolyMesh Cellular 480 meters can be strategically installed anywhere in a utility's territory providing immediate advanced features without any infrastructure build out or maintenance. Nighthawk's Mesh radio solutions allow utilities to address either clusters of advanced meters or even a system wide deployment while leveraging shared cellular hubs to lower the cost of both hardware and communications expenses.

About Nighthawk: For over two decades, Nighthawk has been designing and manufacturing easy to use “Plug and Play” wireless telemetry to remotely control virtually any electrical device, from any remote location. Nighthawk is a leading provider of intelligent devices and systems that allow for the centralized, on-demand management of assets and processes. Nighthawk products are used throughout the United States in a variety of mission critical applications, including utility applications, remotely turning on and off and rebooting devices, activating alarms, and controlling back up generation.

Nighthawk is a subsidiary of McWane Global the leading manufacturer of ductile iron pipe, valves, hydrants, and fittings, and its products make up the backbone of vital water distribution and wastewater treatment systems throughout North America, dependably providing the U.S. with clean drinking water. McWane is a family-owned business based in Birmingham, Alabama, and recognized as an innovator in protecting the environment as well as the health and safety of our company’s 6000 U.S. team members. The company operates 25 manufacturing plants including 13 iron foundries across the United States, Canada, Australia, and China.