

## kV2c\* Meter Equipped with the Silver Spring Networks PowerPoint® Network Interface Module

## fact sheet

Advanced meter reading solutions play an important role in a utility's challenge to minimize costs while maximizing the quality of service it provides to its customers. Through a joint development effort with Silver Spring Networks, GE Energy now offers its kV2c\* meter equipped with Silver Spring Networks' PowerPoint® Network Interface Module. This offering combines all of the features of the kV2c meter with two-way, wireless networking AMR capability. This offering acts as a key component of the last mile utility network.

Benefits of this meter include:

- Ease of installation – the PowerPoint® Network Interface Module can be installed at the GE factory, programmed in the meter shop or field, and inserted into the meter socket
- Flexibility – the PowerPoint® Network Interface Module can read and transmit kV2c data registers. This module allows meter reading schedules to be programmed over the network at any time with access to both logged and instantaneous parameters.
- Cost effective
- Proven product reliability

The Silver Spring Networks' PowerPoint® Network Interface Module was developed to provide internal AMR functionality to the kV2c polyphase commercial and industrial meter. The module has been designed as an option board that easily installs inside the meter.

All metrology calculations are performed by the kV2c meter. The PowerPoint® Network Interface Module reads the resulting parameters directly from the internal meter register and transmits this information back to a central point at the utility.

The module leverages the robust functionality of the kV2c by supporting access to demand, consumption, time-of-use, interval, and power quality data, as well as events and alarms. It also provides support for remote data acquisition, meter configuration management and real-time, asynchronous alerts in the case of meter tampering or outages. It also allows meter reading schedules to be programmed over the network at any time for specific day, day of month or interval reads.

The kV2c meter equipped with the PowerPoint® Network Interface Module represents an expansion in the level of efficiency and reliability of service delivery that utilities will be able to offer. This offering plays a key role in connecting utilities with their customers over a real-time, two-way information and control network.



## About the kV2c meter

The GE Energy kV2c meter moves beyond revenue metering to real-time instrumentation, true power quality monitoring and real cost of service measurements. It provides:

- Revenue accuracy (with DC Detection capability)
- Installation verification and tamper detection tools
- Coincident demand measures
- Power quality monitoring and analysis
- 20 channel recording
- Totalization options (with 4 external inputs)
- 4-Quadrant industrial or substation measures
- Per phase AC instrumentation (amps, volts, and frequency)

Whether you're metering the simplest energy rate or collecting critical quality of service and load analysis information (on a polyphase or single phase circuit), there is a GE Energy kV2c meter configuration to meet your needs.

## About the Silver Spring Networks' kV2c PowerPoint® Network Interface Module

- Full two-way, 900MHz, spread spectrum communications
- Powerful radio communications – Full one watt of output power
- Reads metrology data directly from meter register
- Serves as a signal relay for other network devices (such as water, gas, or other electric meters)
- Robust AMR capabilities – easy to program, large breadth of transmitted parameters, remote demand reset capabilities

## KV2c Equipped with the Silver Spring Networks' PowerPoint® Network Interface Module Catalog Numbers (Basic Meter, No Option Board or Switches)

### Self Contained

Circuit	Wires	Form	Elements	Class	Catalog #	Voltage
Single Phase	3	2S	1	200	787X280001	240V
				320	787X280002	240V
Single Phase 3φ Δ network	3	12S	2	200	787X180002	240V
				320	787X180003	240V
				200	787X180001	120V
				320	787X180004	120V
3φ Y	4	16S	3	200	787X480002	277V
3φ Δ				320	787X480003	277V
				200	787X480001	120V

### Transformer Rated

Circuit	Wires	Form	Elements	Class	Catalog #	Voltage
3φ Δ	4	9S	3	20	787X980001	120V
3φ Y	4	9S	3	20	787X980002	277V
3φ Δ	3	45S	2	20	787X580001	120V
					787X580002	240V

Additional forms/voltage configurations may be available. System voltage must be specified at the time of order.

To obtain more information or to purchase GE Energy's metering products, please call GE 1-STOP at 1-800-431-7867. Product information is also available on our web site. Visit us at [www.geindustrial.com](http://www.geindustrial.com).



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