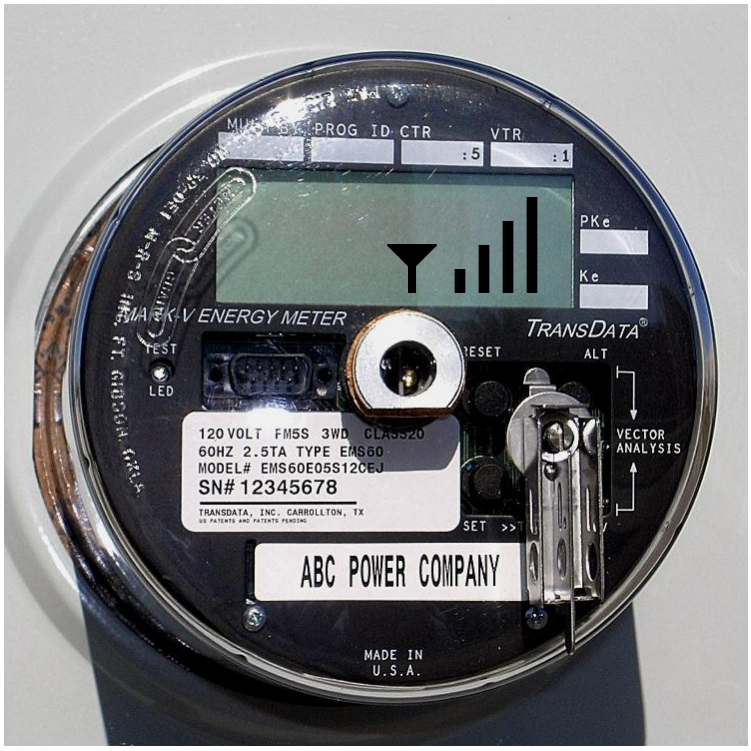
MARK-V AMI Smart Meter
StarBurst Digital Cellular Broadband Module

Advanced AMI Solution Utilizing Public Wireless Networks for Real-Time, Two-Way Data Telemetry

Under-Glass IP Addressable 3G Packet-Data and Dial-up Circuit-Switched Data Telemetry Modes



Integrated Digital Cellular Communications Offers a Complete Range of Advantages for Your Smart Grid Meter Applications

- Field Proven for 12-Years, Installed at more than 70 Leading North American Utilities
- Reliable, Real-Time, Two-Way Data Communications for Meter Reading and Energy Monitoring
- IP Addressable 3G Packet Data and Dial-up Circuit-Switched Data Communication Modes
- Supports Data Requirements of Demand Pool and Load Curtailment Programs
- Fully Compatible with Existing Utility Meter Data Collection Systems
- ANSI and Measurement Canada Revenue Certified Electricity Meter
- Patented Under-Glass Antenna Provides Exceptional Performance and Reduces Installation Cost

Manufactured and Tested in the United States of America

TRANSDATA®
Energy Metering & Automation

Measuring Today's Energy...

MARK-V with StarBurst AMI Communications

MARK-V Meters with StarBurst Integrated Digital Cellular Communications installed on Commercial and Industrial Accounts

Public Digital Cellular Network

Utility Host Itron/UTS MV-90 Computer Automated Dial-out Meter Reading System

Digital Cellular AMI, We Invented It…
TransData's extensive experience with integrated digital public wireless network AMI technologies has yielded the StarBurst Digital Cellular Broadband Module, an advanced telemetry option featuring digital cellular broadband communications supporting 3G packet data or circuit-switched data telemetry modes utilizing our patented under-glass antennas for superior performance.

The MARK-V with integrated StarBurst module offers new wireless data features to meet the needs of the competitive energy marketplace with the capability to support the real-time data requirements of emerging energy conservation programs.

Integrated Digital Cellular AMI Communications
The advanced StarBurst digital cellular broadband module is housed on a removable, plug-in circuit card mounted inside the MARK-V meter chassis. Our methodology of using the meter's processor to control the digital cellular broadband module provides extremely reliable data communication sessions by managing critical network and billing system timeout settings.

The StarBurst digital cellular module is user configurable to operate in 3G packet-data or dial-up circuit-switched data communications modes with fallback options and is compatible with existing utility meter data collection systems.

Streamlined Data Retrieval Process
MARK-V Meters with StarBurst enable utilities to fully automate the meter reading process with minimal upfront investment by utilizing existing public wireless network infrastructure as the gateway for collecting meter billing and historical usage data. Field proven for over 12-years, TransData's StarBurst digital cellular module provides a robust, real-time two-way meter reading solution for collecting meter data and monitoring energy usage.

Real-Time Data Supports Energy Conservation Programs
The fully integrated StarBurst digital cellular broadband module enables frequent, real-time, two-way communications sessions with MARK-V Meters to support the real-time data retrieval requirements of emerging Demand Response and Load Curtailment programs being introduced at many utilities as demand side management and energy conservation initiatives.

Itron MV-90 Software Compatible
The MARK-V Meter has been fully tested and is compatible with existing and newer versions of Itron's MV-90 software packages. This enables utilities to maintain complete control over the meter reading and data collection process without being forced to rely on vendor-based services.

MV-90 Software Requirements:
- Dial-up Circuit-Switched Data Communications Mode
  - Supported by all versions of MV-90 Software
- 3G Packet Data Communications Mode
  - Requires MV-90 XI Edition or
  - Standard MV-90 with RICOMM update and TCPIP package.

TransData Profile
TransData, Inc. is a privately-held corporation headquartered in Dallas, Texas specializing in the design and manufacture of advanced metering infrastructure (AMI) products for smart grid revenue metering applications and mission critical power generation, distribution and transmission grid installations.

TransData energy metering products are based upon best practices and offer unparalleled functionality and reliability to support the diverse needs of our global utility client base. Customers realize value through our innovative product offerings and our exemplary in-house technical support.

TRANSDATA®

TransData, Inc.
2560 Tarpley Road
Carrollton, Texas 75006
Tel: 972-418-7717 Fax: 972-418-7774
Email: sales@transdatainc.com

See The Future of Metering Today:
www.transdatainc.com