



Technical Specifications (Cont'd):

- Meaure.Collect.Manage** — Complete system entails meters outfitted with fully integral AMR register system (endpoint) whereby all electronics (high-resolution encoder, antenna, and battery) are contained within a stainless steel register housing, fully under the glass with no connections. Collect; Mobile transceiver capable of capturing unlicensed RF signal with integrated GPS based mapping system and real time communications to utility headquarters. Manage; Browser-based cloud-enabled software system allowing data capture from multiple sources (Hand Held Field Computers, AMR, AMI, Remote 3G Cellular) and concurrent multiple devices.
- System Integrity** — 3G Mobile must ensure data integrity and accuracy (i.e., meter readings, ID numbers, and other data are always correct, and check-sum error checking). Data Security (i.e., using over-the-air encryption to avoid meter reading transmissions and customer data being intercepted or accessed by unauthorized parties). The endpoints must ensure against loss of data.
- Programmability** — Endpoint must be capable of two-way RF communication for field programming of a user selected ID number or for resetting specific alarm codes. Programming must be accomplished without removing the endpoint from a pit, basement or wall application. Comm must be RF based - touch wands or light emitting wands not allowed.
- 3G DataLogs** — Data logging must be at minimum 4,000 points of user-defined, high-resolution intervals down to the minute.
- Alerts/Alarms** — Must use active sensing technology to determine forward and reverse water movement, magnetic tamper presence, and micro low flow for leak reporting.

3G Mobile for Master Meter Products



Standard 3G Register

3G Mobile for Competitor Products



LCD Interpreter



3G XTR™
Connects to any encoder register.

3G Mobile for Specialty Meters



3G XTR

(XTR integrates Propeller, Magnetic, Ultrasonic, V-Cone, or other meter technologies with pulse output)

3G Mobile for Gas and Electric Meters



Actaris



American



Sensus



Landis+ Gyr

Neal Farmer
National Sales Manager
Master Meter, Inc.
Tel: 817-842-8106
Email: nfarmer@mastermeter.com