Internet Based Data Collection

Each FRS has a unique IP Address, so each meter is easily identifiable by ID and addressable node ID. Collection can be made ON DEMAND or on a set schedule. Each FRS has its own nonvolatile battery-free memory and Switchable COM processor for added intelligence.

Microtex Electronics and its Family of Wireless Communications Products:

Microtex Electronics, Inc. is a group of professionals that design, manufacture, and supply leading-edge technology to meet today and tomorrow’s utility data collection needs. Microtex offers a broad range of off-the-shelf and customized solutions for meter data collection, Utility Control, telemetry applications, and much more. Microtex can supply a total system package, solutions for a legacy systems, or anything in between. Call Microtex today at 1-972-479-1011 to see how we can help you streamline and improve your data collection systems.

Flexible Configurations

The FRS can connect directly to an LR2 Radio and clip-on current sensors for fast deployment of submetering without changing the current electric installation. Data collection can be in the main office and submeter modules can count power usage in dollars based on programmable power rates per KWH. This flexibility allows you add billing easily to any existing system, including pay-as-you-go systems. Also, the FRS modules are completely non-volatile, and can store data for short periods or over longer durations, and have dual channels for monitoring more than one line per unit to save on deployment costs. The FRS also has convenient KWH Pulse outputs to interface to energy management systems.

For More Information:

Microtex Electronics, Inc.
2929 N. Central Expy. Suite 250
Richardson, TX 75080 U.S.A
www.microtexelectronics.com
TEL: (972) 479-1011
FAX: (972) 479-1015

For more information or to see how we can help you streamline and improve your data collection systems, please call Microtex today at 1-972-479-1011.
Typical Applications:
Example #1: Data Collection: Mobile Home Park

FRS Modules
FRS with LR2 Radio, Park “A”
RS-485
FRS Modules
FRS with LR2 Radio, Park “B”
RS-485
FRS Modules
FRS with LR2 Radio, Park “C”
RS-485

Typical Applications:
Example #2: Pay as you go System

Pulsar DS Controller with disconnect, LR2 and FRS Submeter Modules
RS-485
Pulsar DS Controller with disconnect, LR2 and FRS Submeter Modules
RS-485

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