



TOWER

900 Series AMR System Receivers and Reading Systems



Features and Benefits

- ⇒ Fast data acquisition: capable of 400 reads per second
- ⇒ Can read thousands of meters in a day
- ⇒ Manual entry for meters without Transponder
- ⇒ Interfaces to popular billing and route management systems
- ⇒ Compact and easily transferable from one vehicle to another
- ⇒ FastTrackIT Receiver package available separately without reading software package
- ⇒ Signal strength monitor on individual Transponder

Application

The BluTower automatic meter reading (AMR) solution for water and electric utilities is the answer to reducing meter reading costs by increasing efficiency and accuracy in collecting meter information. Blu-Tower's radio frequency (RF) devices work in concert with existing utility equipment to provide a distinct cost effective means of migrating from manual to automated data collection.

The 900 Series System offers the FastTrackIT System for drive by on large systems or Retriever for Palm System for walk by or drive by on smaller systems.

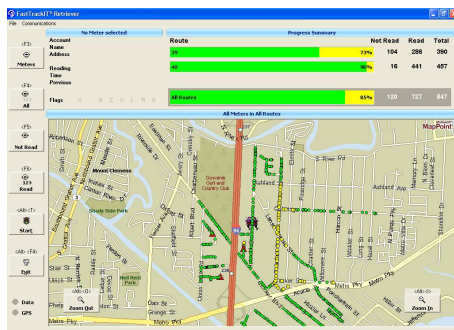
Operation

FastTrackIT System is an AMR Data Management and Reading Software application used with the 900 Series FastTrackIT receiver. The software loads a Route file from Billing or Route Management System. The vehicle can then be driven at posted speed limits along the Route to collect the readings. There is no requirement for interrogating the meter or Transponder so the driver is free to collect the readings by driving past the meters in any order that suits. Information is collected and stored in a vehicle mounted laptop computer which is then downloaded at the end of the day to a billing system.

Options

Available as a lower cost Basic Edition or a GPS Edition with full features which include:

- Moving map display, based on Microsoft® MapPoint® that includes meter positions with icons for read, not read, missed and exception. Vehicle supported by GPS receiver.
- Immediate notification by audible tone of missed reading and reading exception.
- Standard and custom report Generator.



Retriever for Palm System

It includes File Exchange, a PC-based Route File conversion utility for easy interface with billing systems and is capable of generating simple reports. Multiple routes can be held in one file. The file can be either an MVRS or a "flat file" format.

Modes

The receiver for Palm System can be used in a walk-by or drive-by systems with no configuration change to Transponders for different reading modes. The system is very easy to use, especially for those utilities taking on AMR for the first time. It is easy to use on meter reading routes only partially installed with transponders where there are still many manual entries to be made.

Driving Mode – Primary screen is a summary of route showing number of meters unread, number of read meters, number of orphans detected and percent-age read.

Walking Mode – Primary screen is a list of all meters displayed in reading sequence order.



Accessory

The meter reader can use the handheld computer to ergonomically collect meter reading data by radio from meters fitted with transponders or by manual entry, for meters without AMR devices, by entering the reading by using the soft keypad on the handheld. The supplied computer is a Rugged Digital Assistant from Aceeca and is rated fully water-proof to IP67 (can be immersed in water for short time).

©2009 BluTower, Inc. All rights reserved. Names, brand names and product names are the property of their respective holder(s). BluTower, Inc. reserves the right to change specifications, packaging, or other product information without notice. This publication could include technical inaccuracies or typographical errors.

BluTower, Inc.
2855 South Pine Ave.
Ocala, FL 34471
Tel: 352-624-8695
Fax: 352-624-8696

Email: infoweb@blutower.com
Web: www.blutower.com

