

HISTORY

The process of collecting user consumption data may be the single most important accuracy function of utilities for the sustainable management of service delivery to customers of the utility. The Meter Reading and Services Group for the City of Boynton Beach is responsible for collecting consumption data from approximately 34,000 accounts through 16 reading cycles each month. The diversity of tasks within the Meter Reading and Services Group requires a meter infrastructure that is highly reliable, efficient, and accurate in order to maintain customer satisfaction, proficiency in revenue collection, and the ability to manage field work orders appropriately. Unfortunately, the current operational condition of the City's meter infrastructure is causing operational impacts to service quality, revenue collection, work order management, and employee morale that is unmanageable as the meter system exists today.

Sensus began providing TouchRead infrastructure to the City of Boynton Beach through a piggy-backed contract originating with Seacoast Utilities effective August 5, 1997 and by a transition to Automated Meter Reading (AMR) in early 2000 through a piggy-backed contract originating with Clay County Utility Authority. Deployment of AMR began in 2001 and was concluded by the close of 2005.

The City of Boynton Beach implemented the SENSUS AMR infrastructure based on the understanding that the technology would allow the City to realize lower operational costs and higher read accuracy within the Meter Reading and Services group as well as improved safety in areas of high traffic congestion. Based on the commitments and benefits represented by SENSUS, the City made a capital investment of more than \$2 million in SENSUS TouchRead/RadioRead technology.

Equipment Distribution Type - City of Boynton Beach Utilities

MXU Style	Count	Percentage of Total
505C	16,874	56.17%
520R	7,675	25.55%
505B	5,489	18.27%
Unknown	1	0.00%
Grand Total	30,039	100.00%

The piggyback contract with Sensus executed by the City of Boynton Beach in 1997 and again in 2000 provides for certain warranty coverage specific to the type of equipment utilized. For the City of Boynton Beach the following allowances are available for accessory and attachment components to support AMR infrastructure:

<i>5/8" through 2" SR, SR II, PMM, Encoder Registers</i>	<i>10 Years</i>
<i>RadioRead MXU</i>	<i>20 Years</i>
<i>RadioRead MXU Batteries</i>	<i>20 Years (10 full, 10 Pro-rated)</i>
<i>Electronic Touchpad</i>	<i>10 Years</i>