

ChoiceConnect Mobile

Itron Walk-By, Drive-By and Park-and-Read Solution

For gas utilities in developing countries aiming to go “SMART” with a low investment, ChoiceConnect Mobile is the only complete end-to-end solution that offers walk-by, drive-by and park-and-read data collection and management. This means that gas utilities can reduce tampering and fraud due to human intervention which includes both the consumer and the meter reader while increasing revenue protection without having to lay down any network or infrastructure.

KEY BENEFITS

- » Detect and reduce tampering
- » Prevent fraud to increase revenue
- » Go smart with minimized investment
- » Ensure equal efficiency for high and low density areas
- » Access hard to read locations
- » Eliminate intrusion in homes
- » Increase reading up to 100%

SOLUTION CHARACTERISTICS

- » Plug-n-Play Cyble Modules
- » Enhanced acquisition speed
- » 100% Reading of all meters
- » Reliable data
- » Low CAPEX & OPEX
- » Fast and easy deployment
- » Secure solution

SOLUTION OVERVIEW

ChoiceConnect Mobile is an end-to-end routing, mobile reading and data management solution for gas utilities. It enables utilities to measure, collect, process, store and transmit valuable metering information.

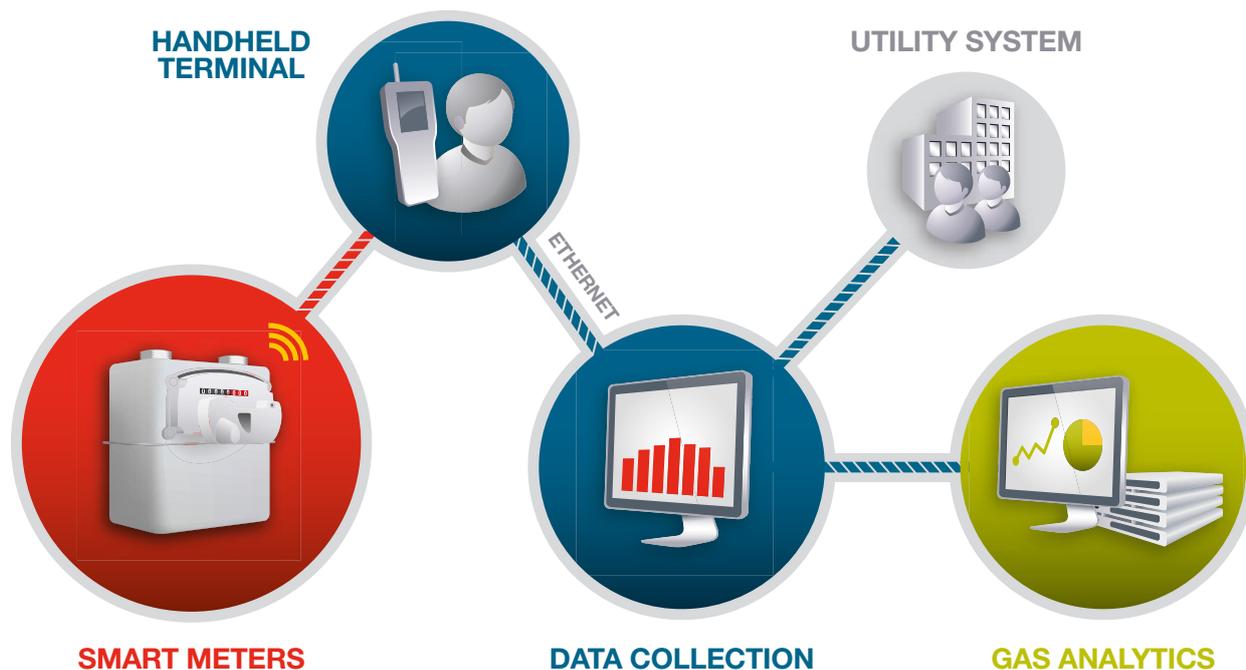
Our solution enables efficient and regular access to utility’s gas end-points by collection of the required data. It is a proven-in-field technology with many successful projects already deployed.

Our Mobile solution for gas helps utilities to replace their old manual processes with SMART ones to improve the operating efficiency of their network and the utility company as a whole.

The solution equips the meter reader with a high-tech hand-held terminal that is

used to collect the data from the meters in a specified range as he passes along the street. Our solution provides three different ways of reading the meters. Utilities can choose one of the three ways which are Walk-by, Drive-by and Park-and-Read to collect the meter readings. The chosen method depends on various factors including requirements and resources of the utility and density of the area. Our solution provides a reliable way to transfer this data to the head-end system. The meter reader collects all the data from his assigned route during the day. At the end of the day he goes back to the office and using a USB connection with a cradle uploads all the data to the host system. It is a simple and cost effective way of synchronizing the collected data.

SOLUTION ARCHITECTURE



SMART READY METER WITH ANYQUEST

Itron has a range of smart-ready meters from residential to commercial and industrial which have a cyble index that can be fitted and configured with Cyble AnyQuest module. Use of these meters with anyquest module provides enhanced data to the utility immediately.

The smart-ready meter and module together form a package having compact and reliable design with module being IP68. Itron smart-ready meters are available in various sizes starting from G1.6 and going up to G40 and above.

They also include some of the Itron's proven in-field meters like Gallus, RF1 and ACD G10/16. AnyQuest module comes with a battery lifetime of 15 years and can record up to 181 fixed data readings. It has the capability to record much more intelligence data like peak flows, Time of Use (TOU), alarms etc.

HAND HELD TERMINAL

Keeping in view the need of our customers Itron has selected a high-tech hand held terminal to be supplied as a part of the mobile solution. Itron partners with Motorola to supply the latest MC67 hand-held. It has an outstanding reading distance and being compact, rugged, robust and easy touch screen interface it provides utilities with the all the on-field functionalities they need.

ANYQUEST MOBILE

It is a proven mobile reading software installed on the hand-held enabling Itron customers to collect data for multiple hundred meters per day. AnyQuest Mobile supports GPS thus making it easier and efficient to collect data.

ANYQUEST HOST

It is the head-end system or the data collection system of Itron's mobile solution. It provides the tools to efficiently route and store your meter data, providing maximum benefit from this information. It is capable of handling and presenting wide variety of extended data available from AnyQuest module.

To make it an efficient software Itron has designed it to be a "no SQL/Server Database". We have developed various sets of filters in the software for utilities to manage their meter in an effective manner. The GUI improvements to the AnyQuest host make it very easy to be used by anyone. The latest version of our system has an integration with Google Earth to make it more interactive.



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ITRON GmbH

Hardeckstraße 2
D-76185 Karlsruhe
Germany

Phone: +49-721 5981 0

Fax: +49-721 5981 189