



**Matrixmedia**<sup>®</sup>  
THE POWER OF POSSIBILITIES™

**MATRIXMEDIA SOLUTIONS, INC.**

Makati Business Center: 28/F Cityland Pasong Tamo Tower Unit 2807, 2210 Chino Roces Ave., Makati City  
Manila Office: Unit 3225 Fountain Breeze Condominium, Lombo Ave., San Isidro, Parañaque City  
Davao Office: Purok Kalamboan, Magugpo North, City of Tagum, Davao del Norte

Phone: (+632) 893.8909 loc. 811  
Email: info@mymatrixmedia.net

Mobile: +63.975.444.7532  
URL: www.matrixmediaphilippines.com

## READ AND BILL SYSTEM TECHNICAL SPECIFICATIONS

### BY MATRIXMEDIA SOLUTIONS, INC.

#### INTRODUCTION

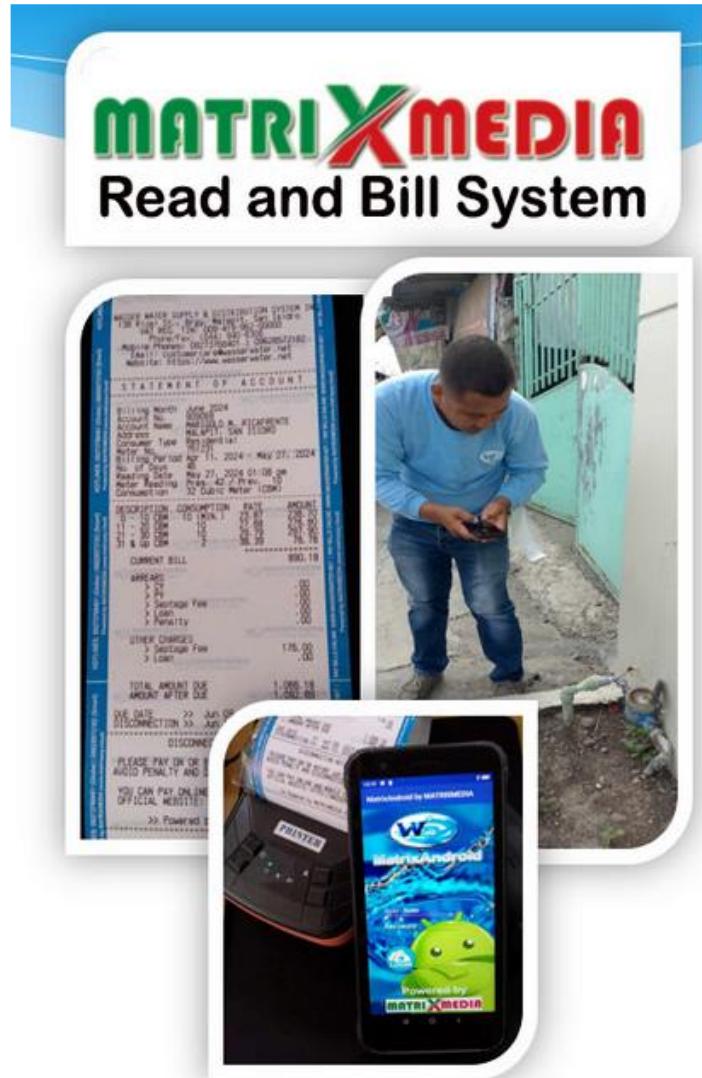
MATRIXMEDIA always finds new and innovative ways to increase work efficiency to help bring a much better service to its customers. We make it to a point that we are abreast with the new technology and its advantages it offers.

**MATRIXCLOUD READ AND BILL SYSTEM** is one of the new technologies that water and electric utilities use. This system uses Android meter reading device and a portable thermal printer.

#### THE METER READING CYCLE

The **MatrixCloud Android** meter reading device is attached to the PC that contains the Billing and Collection system for the downloading process. This process will capture customer information like, customer name, account number, previous reading, due date, sequence number, etc. After the downloading process, the device is now ready for the actual reading.

During reading, the **MatrixCloud Android** meter reading device is attached to the thermal printer via Bluetooth. The MatrixCloud device is equipped with an Android program that will automatically compute the consumption and bill amount after entering the new actual reading. A print out of the Statement of Account will be produced on the spot.



The **MatrixCloud Android** meter reading device can also record field findings and remarks for the current status of water meters. Actual time of reading for each household, the number of tries of reading entry, and the number of printed statements of account were also recorded.

After the completion of the meter reading, the MatrixCloud Android meter reading device will be connected to the PC that contains the billing and collection system for the uploading process. This process will transfer customer's new billing information from the device to the customer's ledger in the billing and collection system.

#### **READ AND BILL ADVANTAGES**

- It is expected to lessen the cost for the water utility since there will be no more need to input meter readings and deliver the same on the next days. Manpower cost and transportation expenses are expected to be minimized.
- Water consumers will also benefit from the system. They will receive the billing statement immediately after the meter reading, thus giving more time to settle their bills, avoiding possible disconnection.
- It eliminates the typing / encoding of readings.
- Meter readers need not to return to the reading route to distribute the bills.
- Field findings and remarks were recorded, hence, making a fast action for maintenance and repair.
- The device prompts for unusual consumption, limiting misreading and can easily checks if there are leakages.
- To eradicate or minimize incidences of delayed or no bill delivery to the customers.