AMR
(Automatic Meter Reading)

About AMR:

DMA - Datasoft Manufacturing & Assembly Inc. Limited developed an embedded IoT based Smart Device for high-performance wireless data transmission. This allows a utility company to get the meter reading over the Internet without human touch for their billing System. It has low power consumption, stable performance, the characteristics of small volume, high cost performance, and low cost features, as well as advantages to the user equipment and system integration for reading meters remotely.
This Smart Device is hardened to adopt specially for the Bangladesh weather's temperature, humidity and dust to keep it in good stability in the severe atmosphere and ensures high quality. GSM mobile net can supply TCP/IP connection over internet to interface in multi-platform databases (e.g. Oracle or MySQL) billing system. This DMA Smart Device is specially designed to meet the Smart Bangladesh mission's objective of Made in Bangladesh products in reading and bill payment of any analog/digital meter's data over Internet without human touch.

DMA - DATASOFT MANUFACTURING & ASSEMBLY INC. LIMITED

DATASOFT MANUFACTURING & ASSEMBLY

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DATASOFT MANUFACTURING & ASSEMBLY

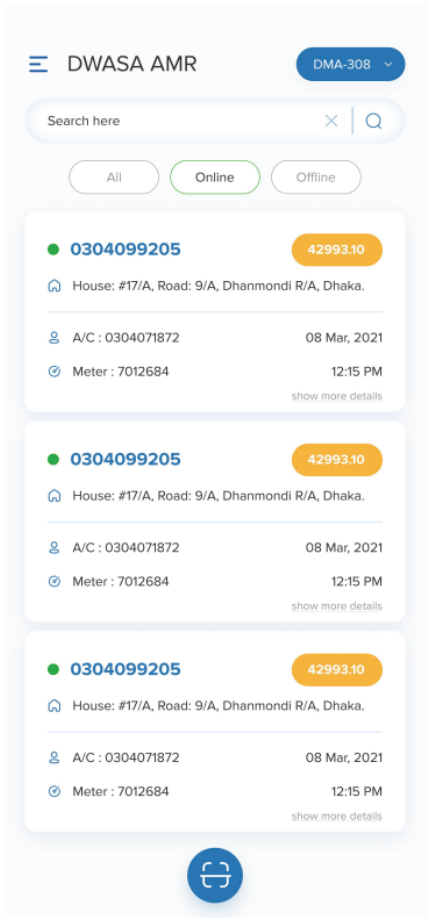
DMA as a privately incorporated company provides ICT products (both Software & Hardware) and ICT innovative solutions, which include but are not limited to the Design & Development of IT Cloud based Hardware/Software applications along specializes in IT manufacturing using innovative solutions to produce - Made in Bangladesh products.

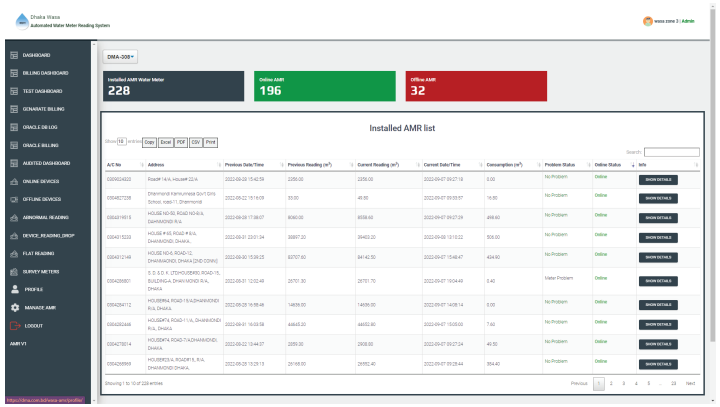
Products Related Industries

- ✓ Agriculture
- ✓ Horticulture
- ✓ Poultry (Livestock)
- ✓ Cattle (Livestock)
- ✓ Aquaculture (Pisciculture)
- ✓ Biofloc
- ✓ IPRC
- ✓ Hydrology
- ✓ Meteorology
- ✓ Water Meter (Analog to Digital Conversion)
- ✓ Water Pump Station -Automation
- ✓ Cloud Services
- ✓ Real-time Software with Artificial Intelligence (AI)

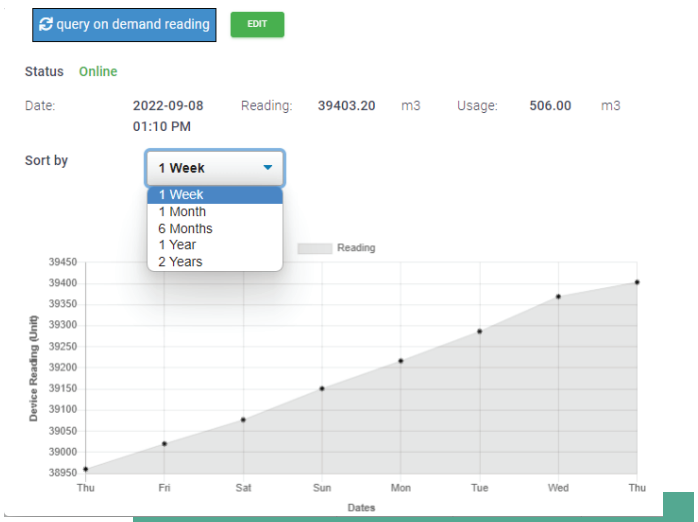
Technology Used

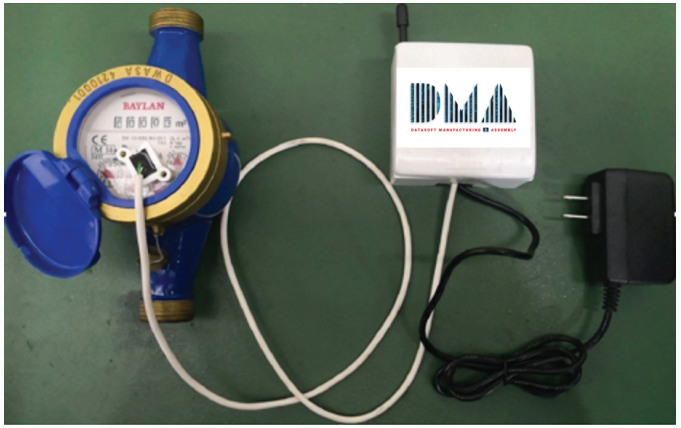
1. Sensors to read meters data
2. GSM for Networking
3. Lithium Ion Battery Backup
4. Circuits are hardened to sustain
5. Data saved on Flush memory
6. Local Cloud services
7. Meter reading, without human touch
8. QRcode to pay bill in real-time
9. LED meter reading
10. Data security & privacy





Web Dashboard



Quality

DMA uses the ISO 9001 ESQ compliances at Bangabandhu Hi-Tech City, Kaliakair to manufacture this Smart Devices to read meters automatically without human touch.