







# iSWAM - intelligent Smart Water Meter

## Problem Being Solved

Unavailability of real time data causing problem in water distribution networks and monetization of water

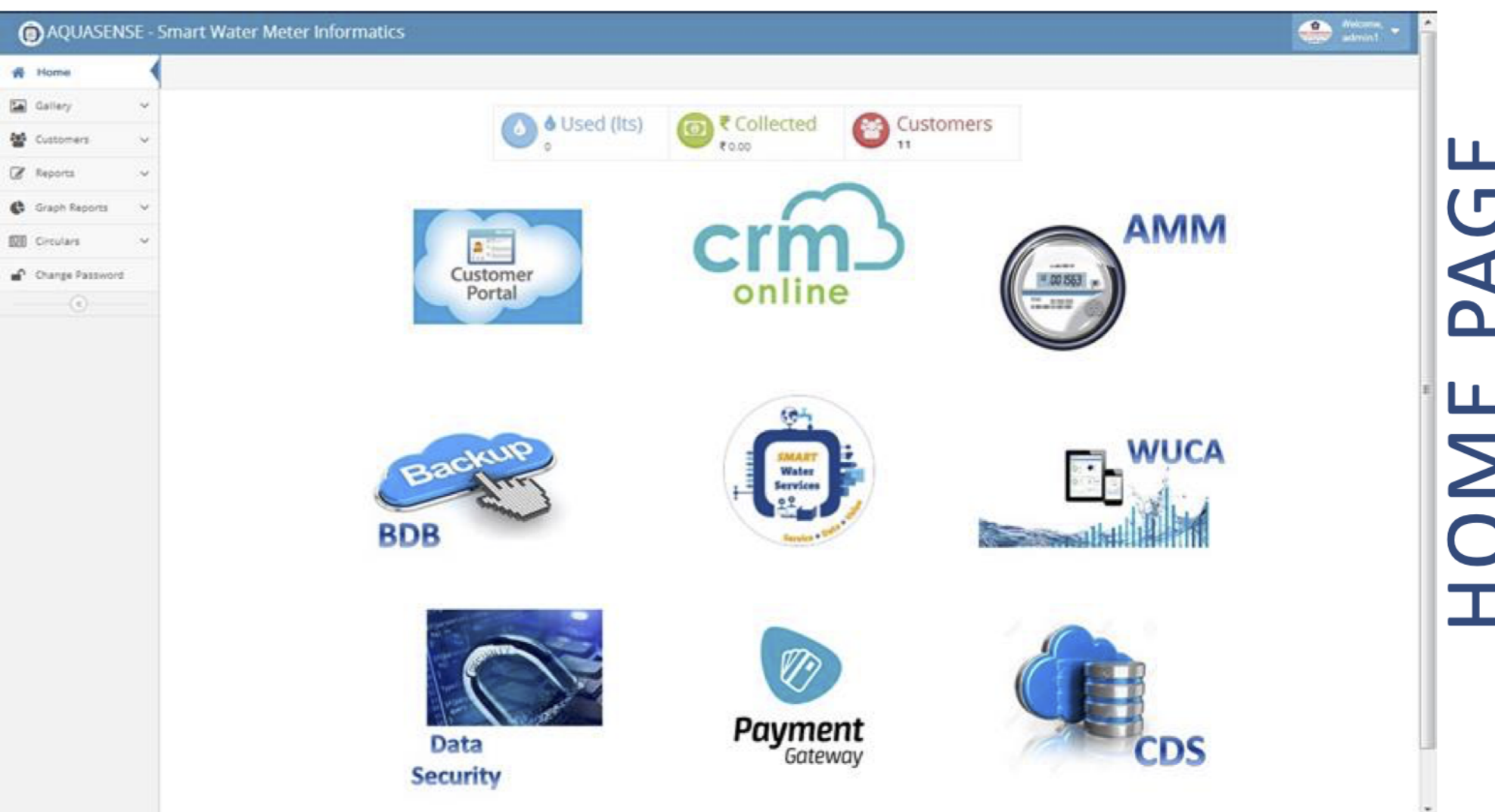
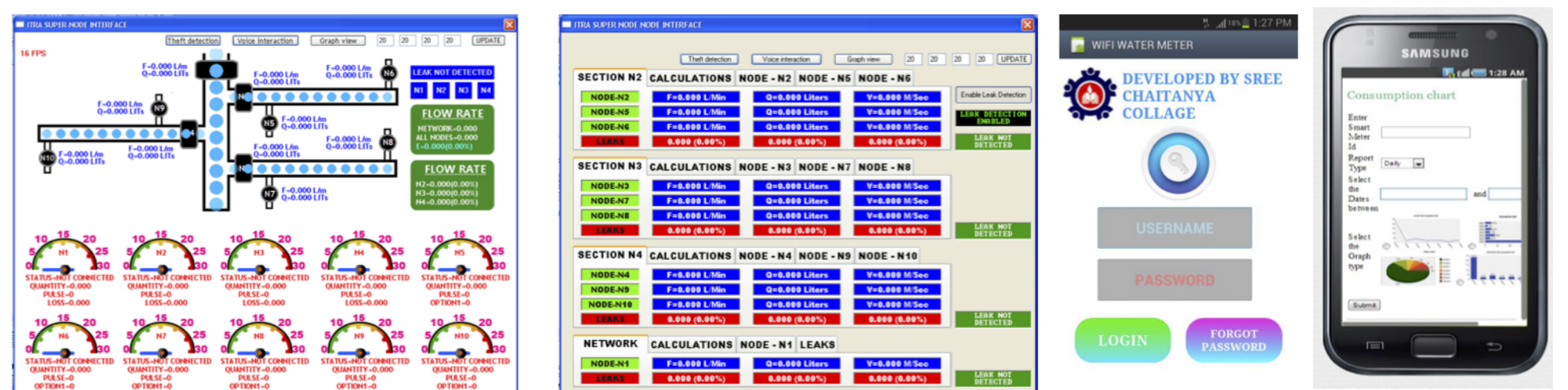
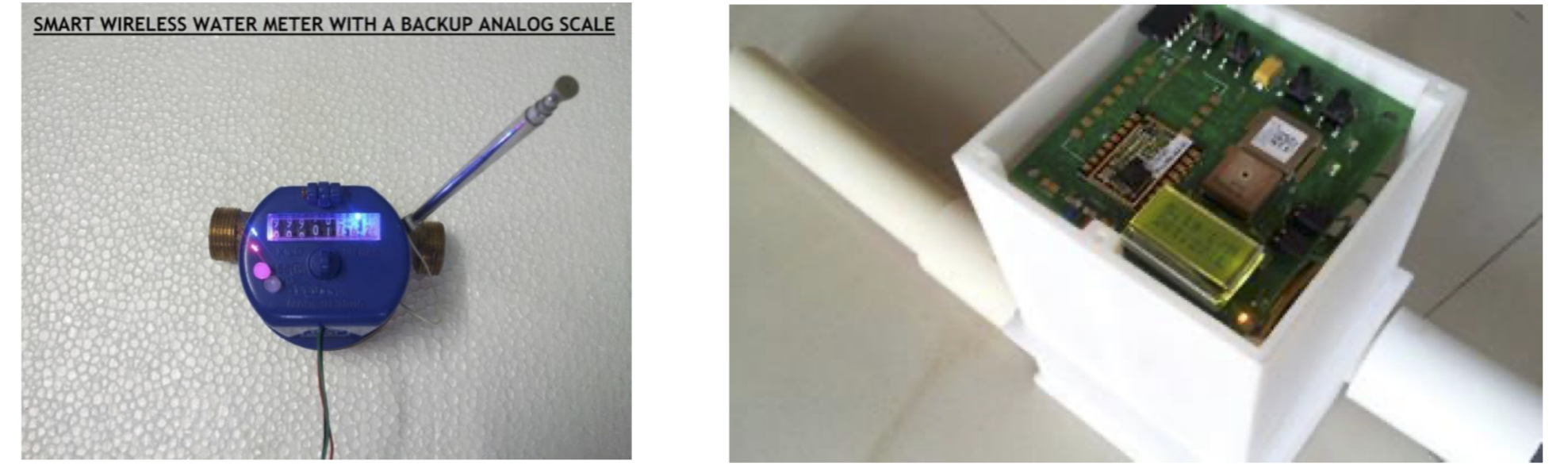
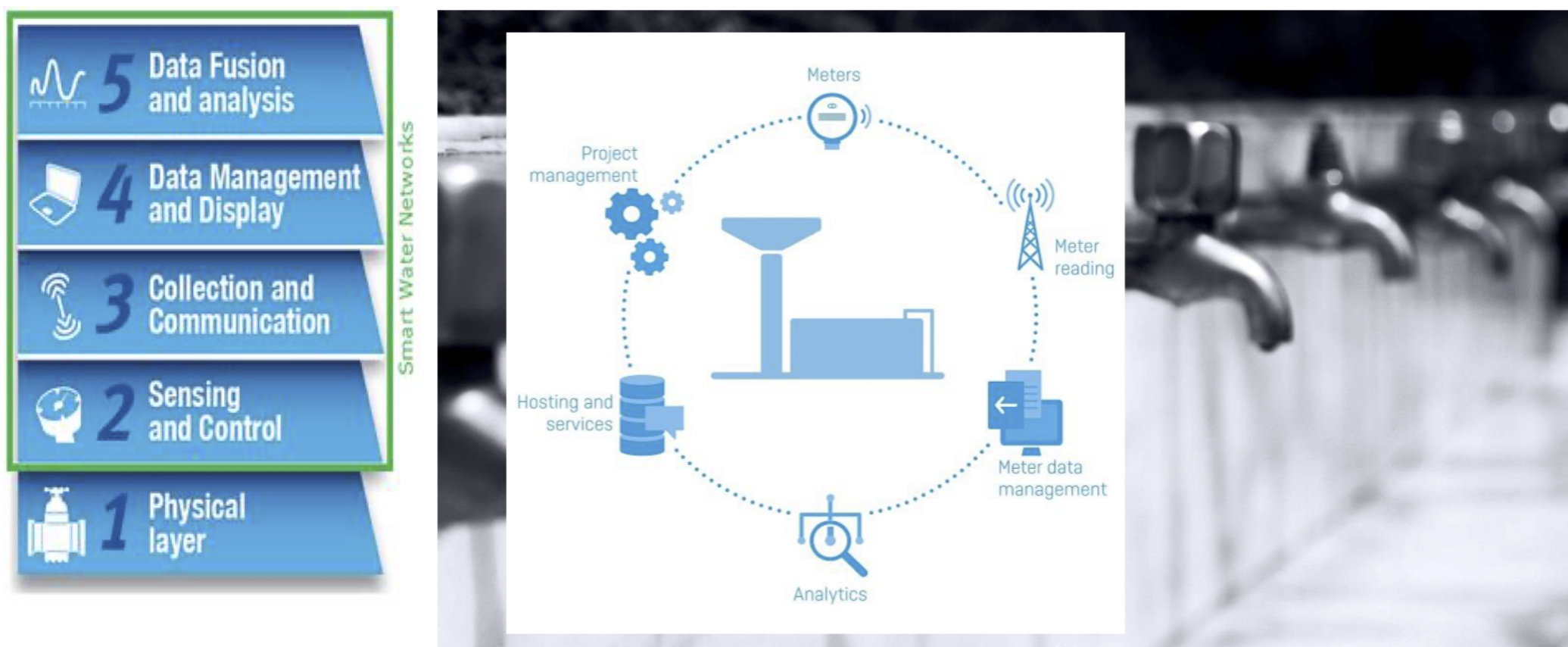
### Impact of the Problem

-  **Unmetered Connections**
-  **Real time Remote Monitoring of Leakage Detection**
-  **Thefts of water in piped network**
-  **Real time Remote Monitoring of Pipe Burst Detection**
-  **Metering Inaccuracies**
-  **Meter Tampering**

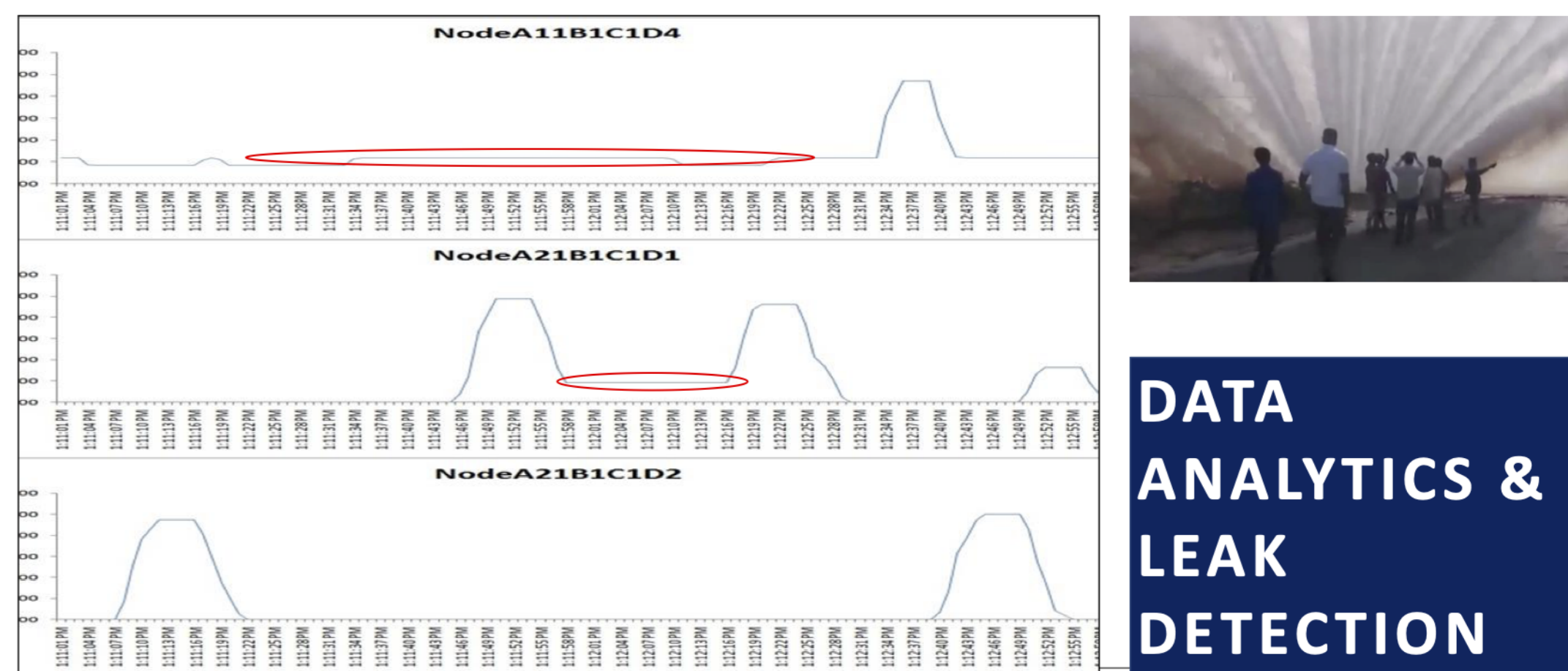
## Solution

iSWAM is a self-powered smart water meter with an intelligence in identifying Non-Revenue Water (NRW) or Unaccounted Flow of Water (UFW) and the quantification of water on real time basis for an effective distribution and monetization.

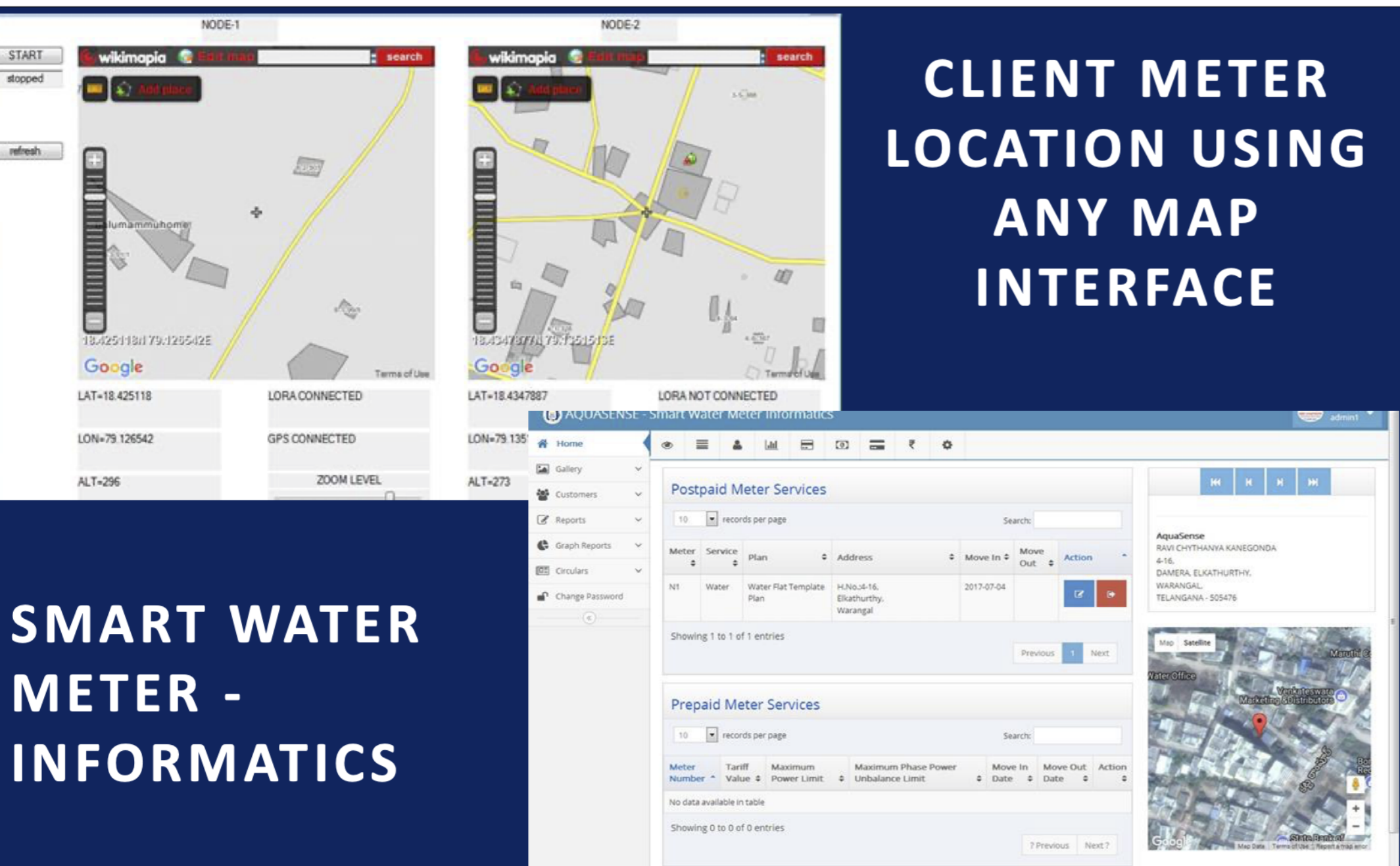
### Intelligent Smart Water Meter Solution



### SMART WATER METER - INFORMATICS



**DATA ANALYTICS & LEAK DETECTION**



**CLIENT METER LOCATION USING ANY MAP INTERFACE**

### SMART WATER METER - INFORMATICS

### Future work

Intelligent smart water meters are to be calibrated to be field tested for pressure heads of the real system, communication coverage, and the performance of self power generation to sustain for long period in no flow conditions as well.

**Dr. RVR Krishna Chalam**  
CEO  
+91 98667 40428  
ceo@ilonnatiinnovations.com

**Mahendar Kondapalkala**  
Chief Growth Officer (CGO)  
+91 92465 66666  
cgo@ilonnatiinnovations.com