

A first in India: ARAD's AMI pilot in New Delhi, September 2015

In close collaboration with SPML, Arad won the (2013) Delhi Jal Board (DJB) tender for the installing of 180,000 of its smart residential (1/2") water meters in India's capital city.

Arad has already installed 3GDialog AMR (drive by/walk by) solutions in several Indian cities. However, in light of the Indian government's recently announced 5-year plan to establish smart city infrastructures, Arad and SPML Infra have taken the initiative to establish – at their own expense — an AMI pilot in West End, New Delhi.

About the Pilot

The pilot covers 373 households over a 2.5 km² area, providing water on a 24/7 basis with an annual consumption of 300,000 cubic meters. As part of the pilot, three of Arad's innovative Octave ultrasonic bulk meters were installed as well. **Within the space of one week only**, all of the meters were installed, the fixed cellular network was set up, and two-way communications were established with Arad's cutting-edge CityMind cloud-based Meter Data Management platform.

The Pilot Goals

The goals of the pilot are to demonstrate how Arad's smart AMI technology:

- Makes daily water management possible
- Improves customer service and customer satisfaction
- Minimizes leaks and reduces physical NRW
- Ensures accurate water measurement and billing

Immediate Pilot Results

- 99% of the residential meters are being read on a daily basis
- Drive-by/walk-by readings have been eliminated
- DJB has full control over all critical water management parameters, including daily reports on water consumption
- Leakage detection has been improved dramatically



Arad and SPML Infra are confident that the ongoing pilot results will lead to full AMI deployments as New Delhi – and other Indian cities – strive to meet the government's ambitious smart city objectives.

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