

Kerala Water Authority

Emerging Technology driven Continuous Drinking Water Supply Monitoring System for Pandalam Municipality Town

Business Case

The water consumption in Kerala is increasing and per capita water consumption is decreasing. Water availability (availability of quality drinking water) is decreasing. Thus, there is a strong need for consistent, equitable distribution of available water to the citizens.

For this to be effective, existing water distribution system needs to be monitored efficiently, trying to assess leakages, theft, other unaccounted losses, and consumer satisfaction.

Internet of Things

Outcome/Benefits

- Capture and disseminate essential water distribution system information for better decision making and control (man in the loop)
- Measure consumer experience and satisfaction
- Arrive at steps to be taken to reduce revenue loss and improve consumer satisfaction

