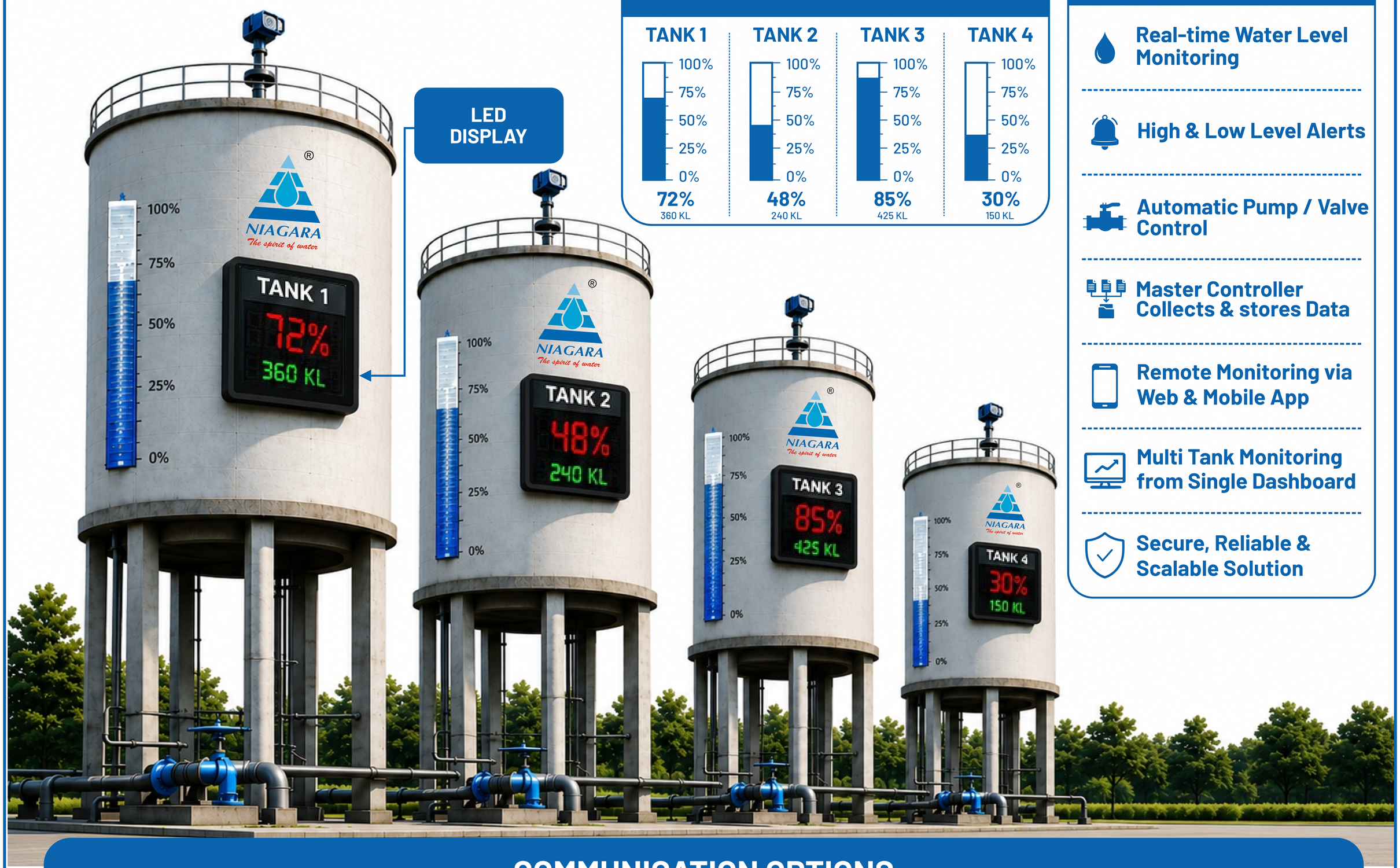
WATER TANK AUTOMATION & LEVEL MONITORING

NIAGARA
The spirit of water

SMART MONITORING ◆ RELIABLE CONTROL ◆ ANYTIME , ANYWHERE

TRUSTED QUALITY SMART SOLUTIONS



WATER LEVEL DISPLAY

TANK 1	TANK 2	TANK 3	TANK 4
72%	48%	85%	30%
360 KL	240 KL	425 KL	150 KL

KEY FEATURES

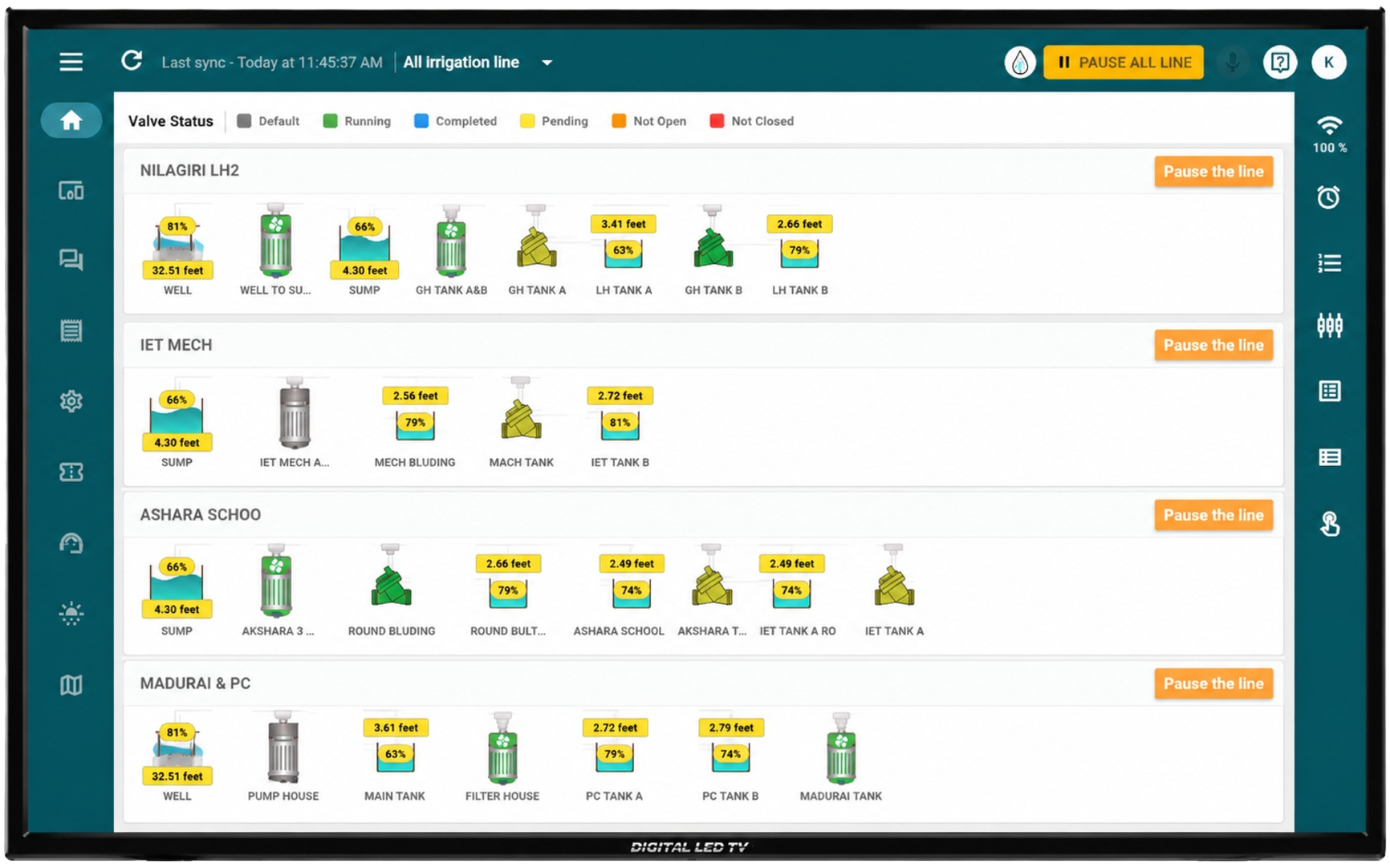
- Real-time Water Level Monitoring
- High & Low Level Alerts
- Automatic Pump / Valve Control
- Master Controller Collects & stores Data
- Remote Monitoring via Web & Mobile App
- Multi Tank Monitoring from Single Dashboard
- Secure, Reliable & Scalable Solution

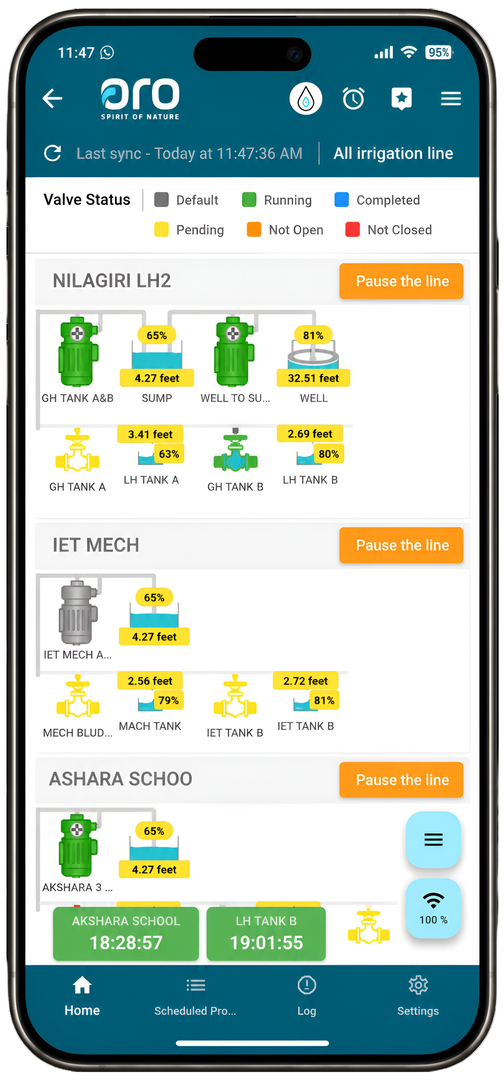
COMMUNICATION OPTIONS

LoRa — Long Range, Low Power

GSM — Wide Coverage, Reliable Data Transmission

RS485 — Wired, Reliable Communication





HOW IT WORKS

1. **LEVEL SENSOR** — Measures real - time water level
2. **MASTER CONTROLLER** — Collects & stores Data
3. **COMMUNICATION** — Sends data via LoRA / GSM / RS485
4. **CLOUD / SERVER** — Stores & analyzes data securely
5. **WEB /MOBILE APP** — Access real - time data , alerts & reports

BENIFITS

- CONTINUOUS MONITORING
- WATER SAVINGS
- SMART AUTOMATION
- QUICK ALERTS
- BETTER EFFICIENCY
- LOWER OPERATIONAL COST

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