



TAYOKA SVAN PVT. LTD.

INTRODUCES

TAYSMART



IF YOU ARE NOT USING **TAYSMART IOT**,
YOU ARE **LAGGING BEHIND**.

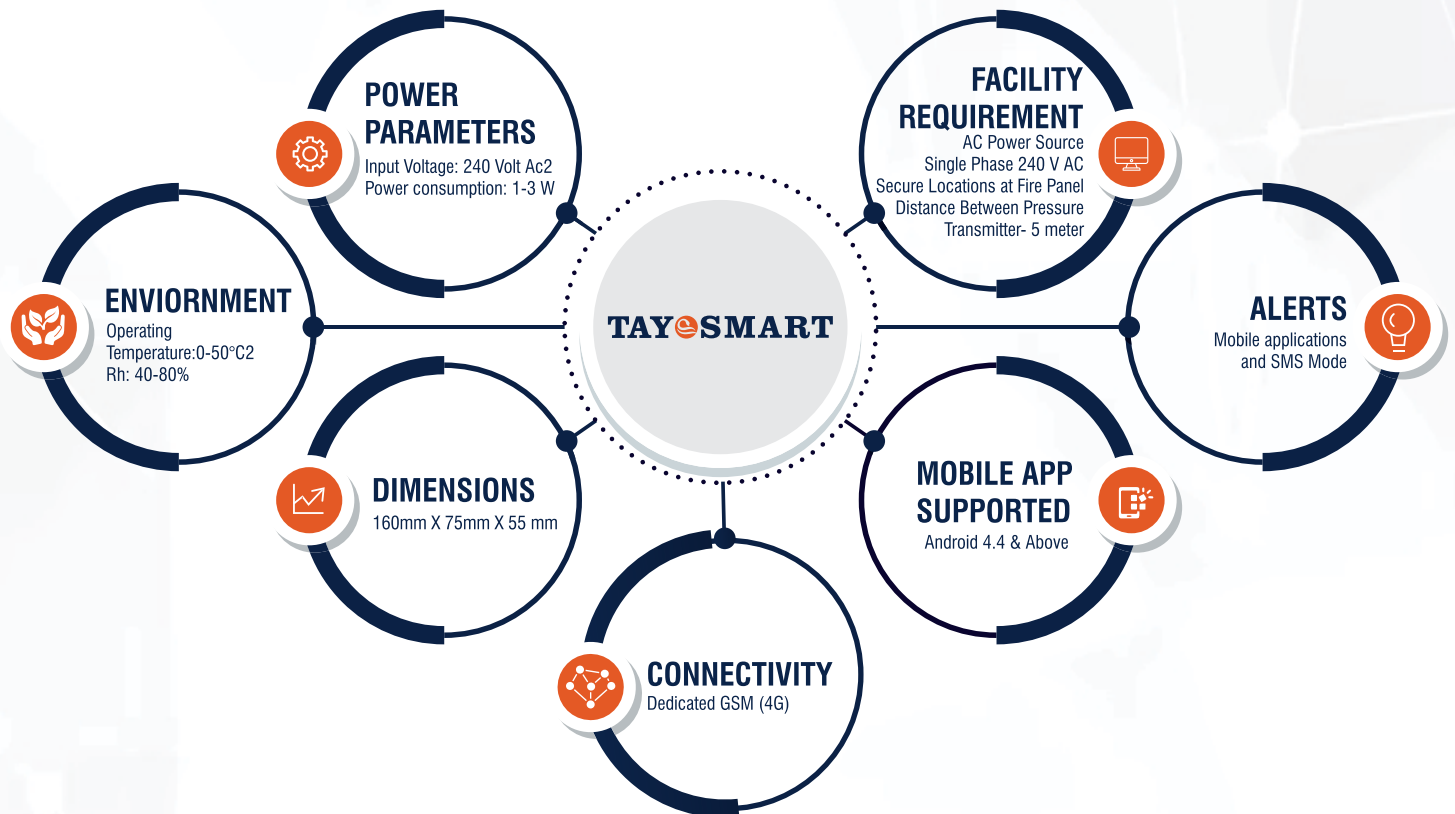
✓ **CONNECT** ✓ **CONTROL** ✓ **CONQUER**

www.tayoka.co

TAYSMART BENEFITS

- ✓ Real-time Monitoring
- ✓ Predictive Analytics
- ✓ Data/log collection
- ✓ Tracking and Management
- ✓ Smart Firefighting
- ✓ Post-Incident Analysis
- ✓ Improved Communication
- ✓ Enhanced Safety
- ✓ Cost Efficiency
- ✓ Peace of Mind

TAYSMART TECH SPECS



ABOUT TAYSMART

Welcome to Tayoka Svan Pvt. Ltd. A pioneering innovator in IoT-based smart Firefighting, Energy Management and Electrical Safety solutions dedicated to enhancing safety and operational efficiency



SENSORS/ACTUATORS
(wired, wireless)



SENSORS/ACTUATORS DATA ACQUISITION SYSTEMS
(data aggregation, A/D, measurement, control)



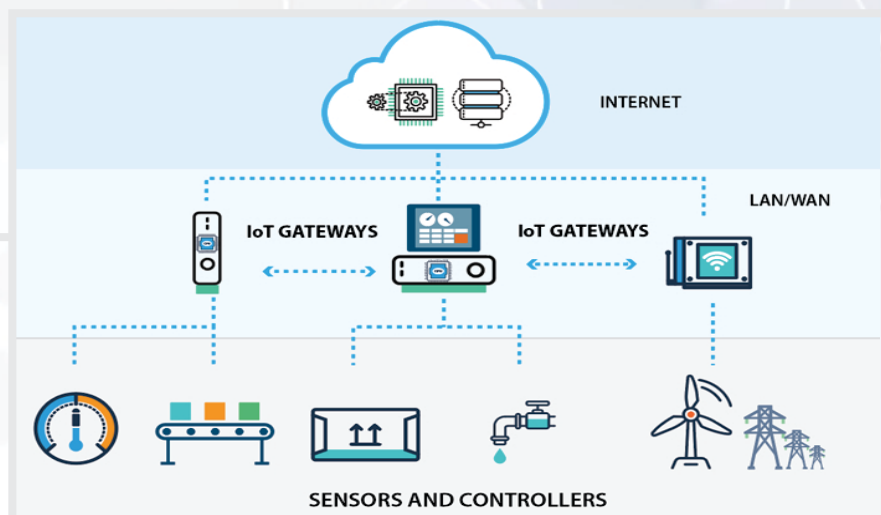
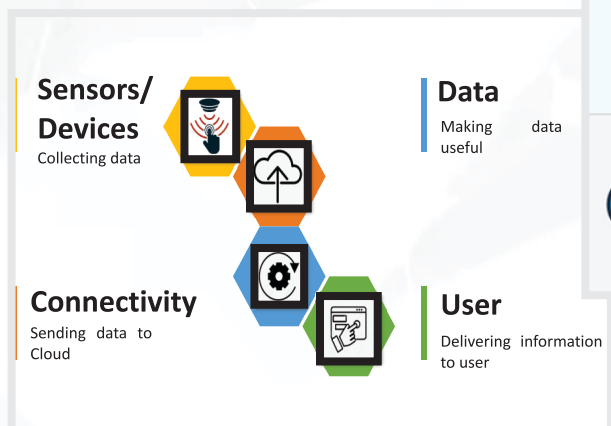
EDGE IT
(analytics, pre-processing)



DATA CENTRE/CLOUD
(analytics, management, archive)

POWERFUL SUPPORT OF 

HOW TAYSMART WORKS



SOFTWARE FEATURES

- ✓ Access to smart Web-Dashboard
- ✓ Daily, Monthly, Yearly Data Trends
- ✓ Power (Active, Apparent, Reactive), Current Voltage (Line and Phase), Energy, Demand
- ✓ Power Quality Monitoring (PF, THD)
- ✓ Energy Sources and Distributions Mapping
- ✓ Analysis- Customized Selection of Time Period
- ✓ M&V Tool- For quick count of savings
- ✓ Data can export in XLS, CSV, PDF, JPG & PNG Format.
- ✓ Alarm Setup- Can set alarm of any parameter, with Web notifications, Email and SMS
- ✓ Comparison- consumption wise quick comparisons
- ✓ ECM Suggestions (Optional)
- ✓ ECM Verification (Optional)

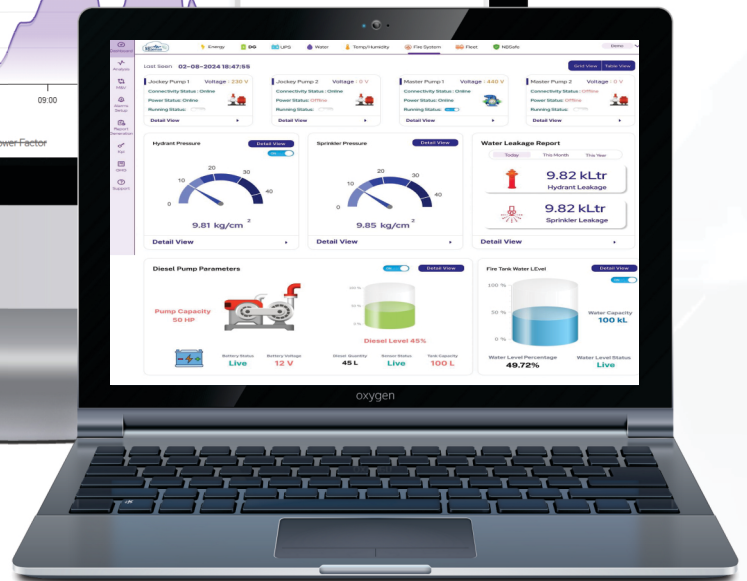
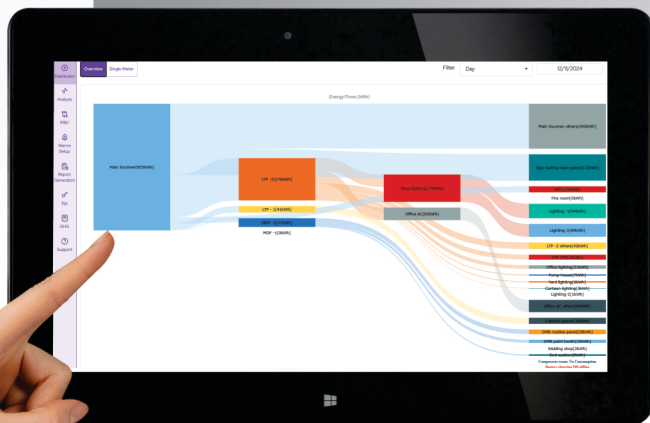
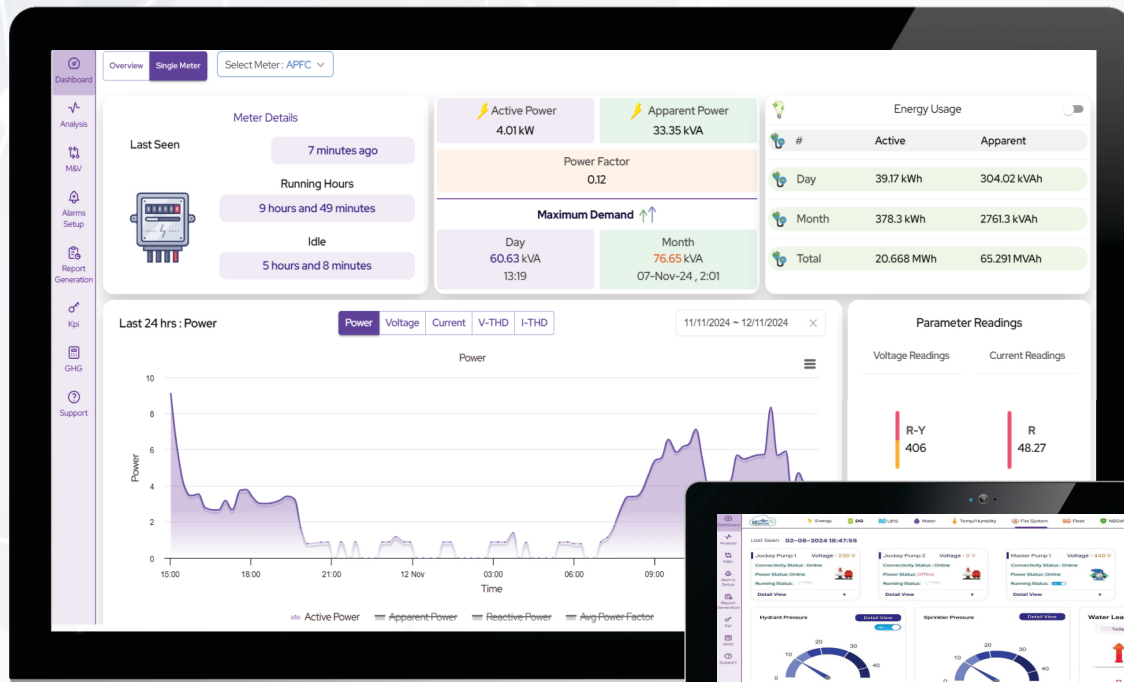
HARDWARE FEATURES

- ✓ Easy to install - Plug and Play Module
- ✓ Compatible with existing smart meters
- ✓ Energy Meters, Temp, Humidity, Pres- sure, Flow, Fire System Sensors can be integrated on Single Dashboard
- ✓ Zero Data Loss System
- ✓ Can Connect to 20 Different Devices

GATEWAY SPECIFICATIONS

- ✓ Communication Protocol: RS485, Ethernet
- ✓ Power Supply: 240 V AC OR 12 V DC (External SMPS)
- ✓ Network: GSM-2G/4G, Wi-Fi, LAN
- ✓ Dimensions: 160 X 80 X 55 mm
- ✓ Weight: 150 grams
- ✓ Ingress protection class: IP 67
- ✓ Certification: CE, NABL
- ✓ Data Storage: Device- 16 GB, Cloud- Unlimited
- ✓ Data Frequency Range: 1 Min to 20 min
- ✓ Power consumption: 5 W
- ✓ Operating Temp. Range: -10 to +60 C

TAYSMART DASHBOARD



Energy

- ✓ Realtime Energy Monitoring
- ✓ Daily, Monthly, Yearly Consumption Quantity and Trend
- ✓ Main Meter and submeter Distribution
- ✓ Selected Time Period Consumption Analysis



Fire System

- ✓ Hydrant Pressure Monitoring
- ✓ Water Leakage and Fire Pumps Operation Monitoring
- ✓ Alerts on Mobile Applications, SMS and Emails
- ✓ Fire Panel parameters monitoring



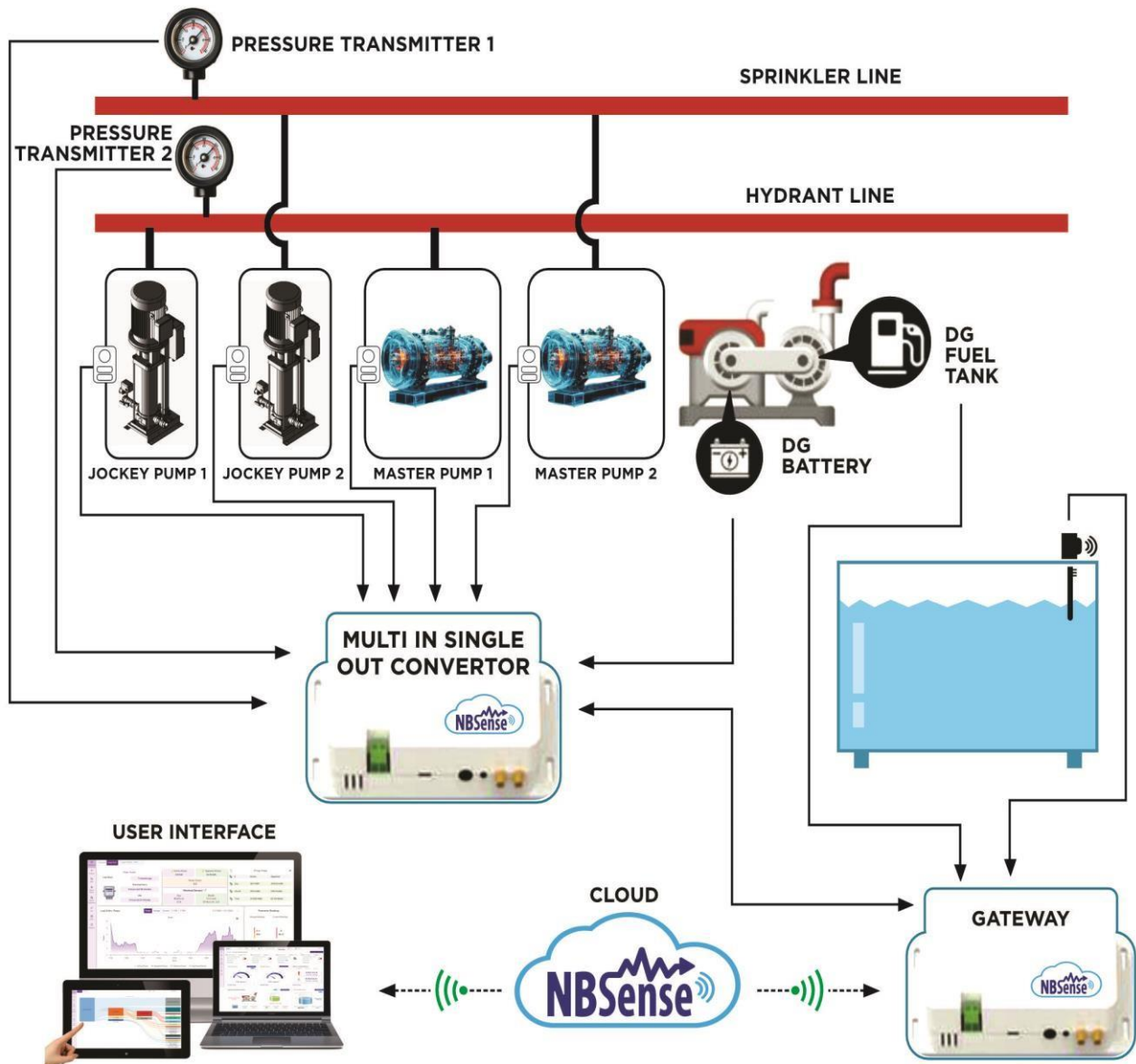
+91 977 335 0566 / 966 433 2213

Reg. Office: Plot E-16, Sector 4 Airoli Navi Mumbai,
Thane - 400708, Maharashtra.

info@tayoka.co www.tayoka.co

Marketed by TAYOKA SVAN PVT. LTD. Technical support by Nbsense





SOFTWARE FEATURES

- ✓ Individual Pumps
(All Jockey, Masters, Diesel Pumps Live status Condition)
- ✓ Hydrant pressure real time and historical monitoring
- ✓ Diesel Pump Fuel level and Battery Status
- ✓ All Parameters Alerts on SMS and Email
- ✓ Pump on off operation status
- ✓ Fire Tank water level monitoring
- ✓ Hydrant and Sprinkler Leakage Quantity & Reports