



NB Sense 01-Energy Monitoring System

USER INTERFACE



CLOUD



RS485 NETWORK



RS485 NETWORK



ENERGY METERS

ENERGY METERS

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)

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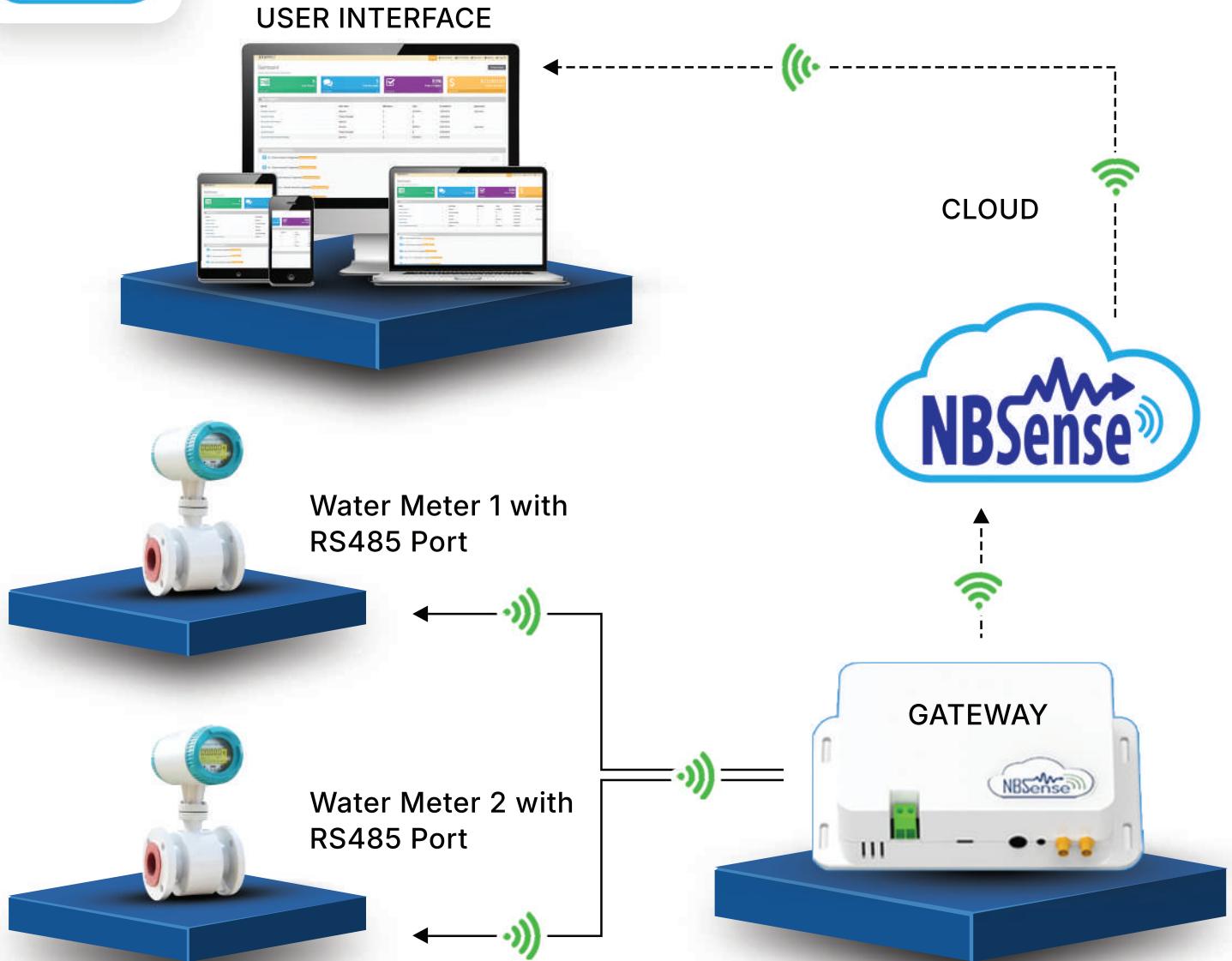
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NB Sense O2-Water Monitoring System



Software Features

- ✓ Access to smart Web-Dashboard
- ✓ Daily, Monthly, Yearly Data Trends
- ✓ Water Fow Monitoring
- ✓ Water Sources and Distributions Mapping
- ✓ Analysis- Customized Selection of Time Period
- ✓ WCM Verification (Optional)
- ✓ 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
- ✓ WCM Suggestions (Optional)

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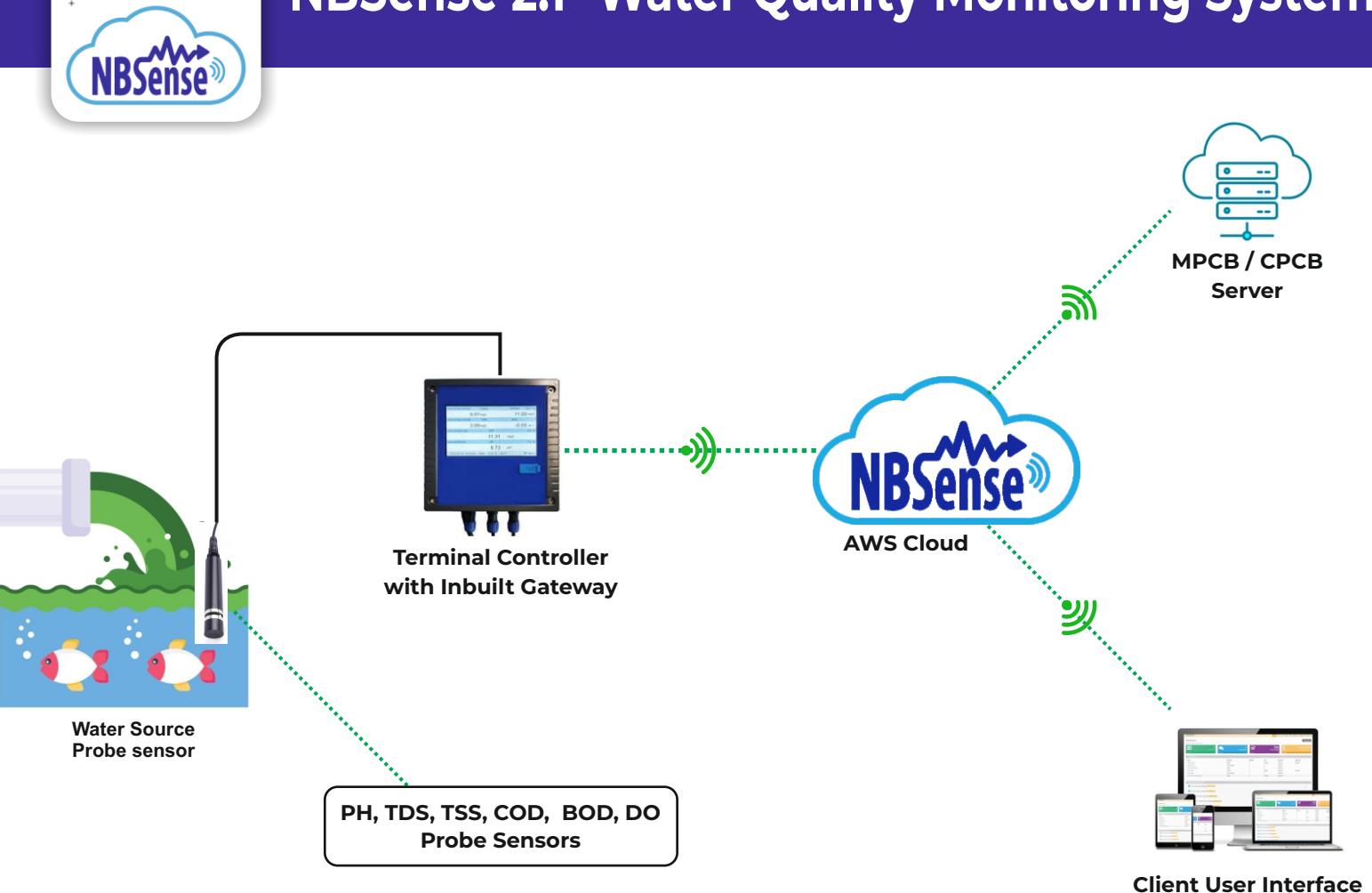
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NBSense 2.1- Water Quality Monitoring System



Software Features

- Access to Smart Web-Dashboard
- Daily, Weekly, Monthly, Yearly Data Trends
- PH, TDS, TSS, COD, BOD, DO, (Nitrate Phosphate optional)
- Analysis - Customized Selection of Time Period
- Data can export in XLS, CSV, PDF, JPG & PNG Format.
- Alarm Setup - Can set alarm of any parameter.
with Web notifications, Email, SMS & Whatsapp.

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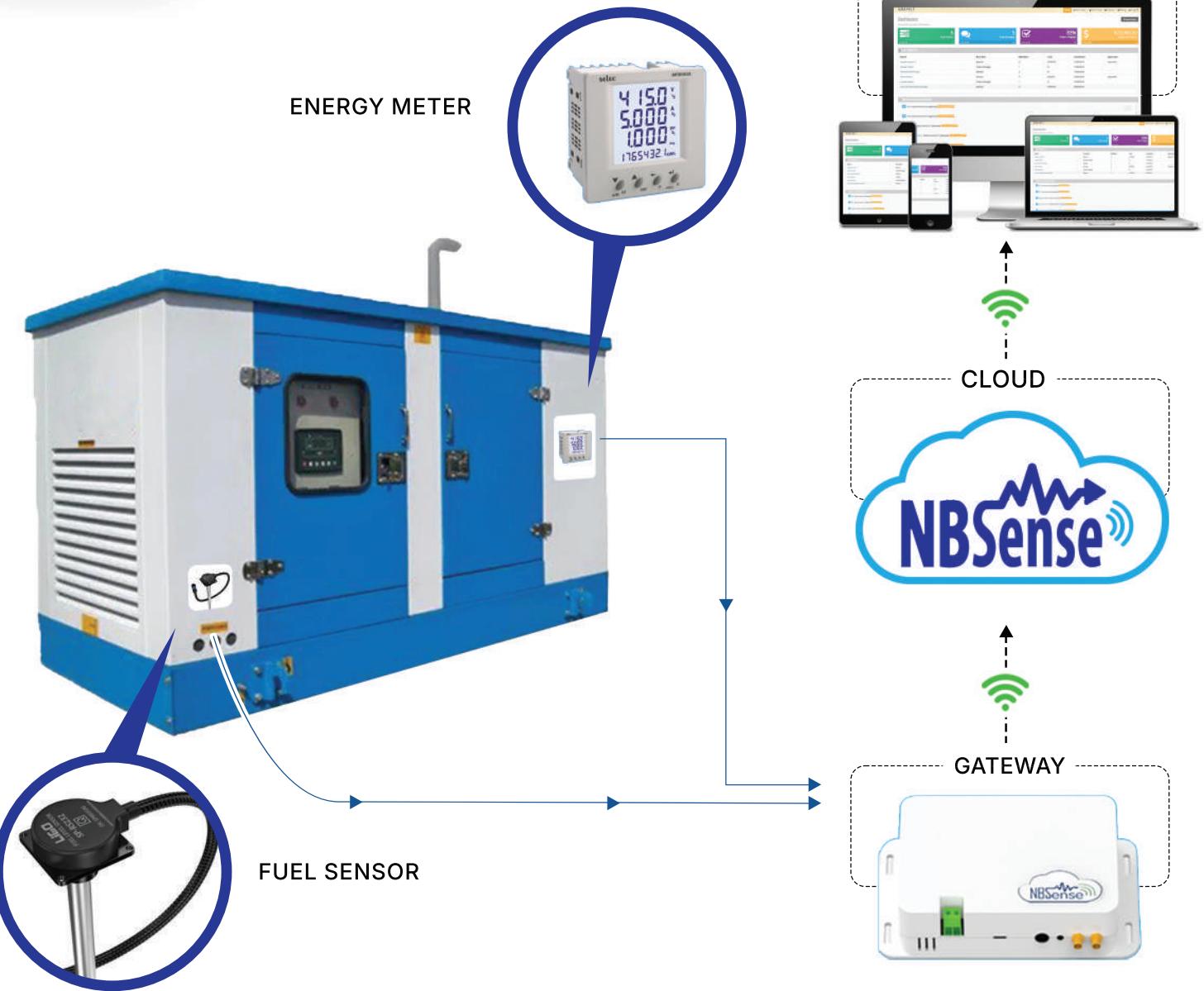
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NBSense O3-DG Monitoring



Software Features

- ✓ Access to smart Web-Dashboard
- ✓ Daily, Monthly, Yearly Data Trends
- ✓ Fuel level and consumption Monitoring
- ✓ Energy Generation Report
- ✓ Power (Active, Apparent, Reactive), Current
- ✓ Voltage (Line and Phase), Power Quality
- ✓ Specific Fuel Consumption (kWh/Liter)
- ✓ Analysis- Customized Selection of Time Period
- ✓ Multiple DG Monitoring
- ✓ Alarm Setup- Can set alarm of any parameter with Web notifications, Email and SMS
- ✓ Data export in XLS, CSV, PDF, JPG & PNG Format

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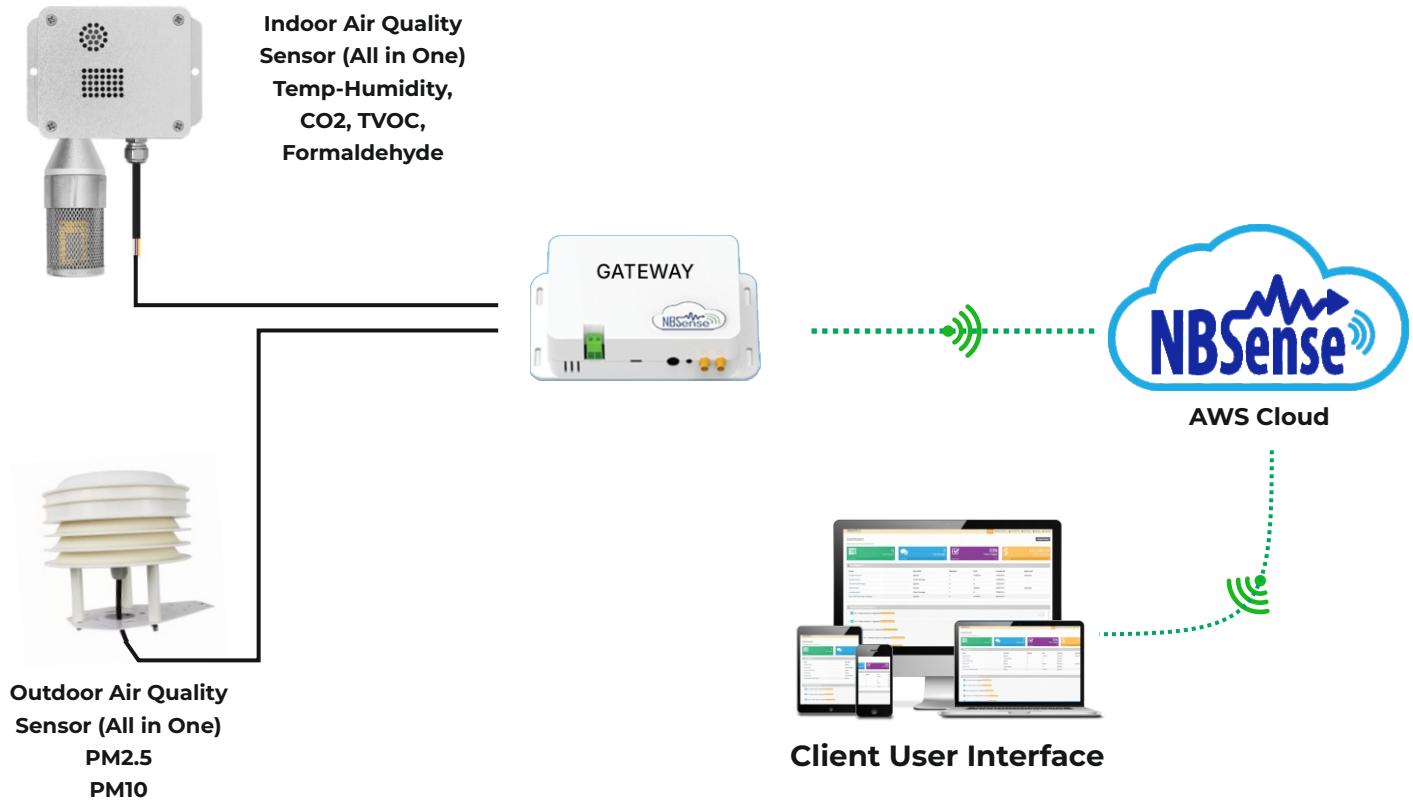
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NBSense 4.1 - Air Quality Monitoring System

(Indoor & Outdoor)



Software Features

- Access to Smart Web-Dashboard
- Daily, Weekly, Monthly, Yearly Data Trends
- Temp-Humidity, CO₂, TVOC, Formaldehyde, PM2.5, PM10
- Analysis - Customized Selection of Time Period
- Data can export in XLS, CSV, PDF, JPG & PNG Format.
- Alarm Setup - Can set alarm of any parameter.
with Web notifications, Email, SMS & Whatsapp.

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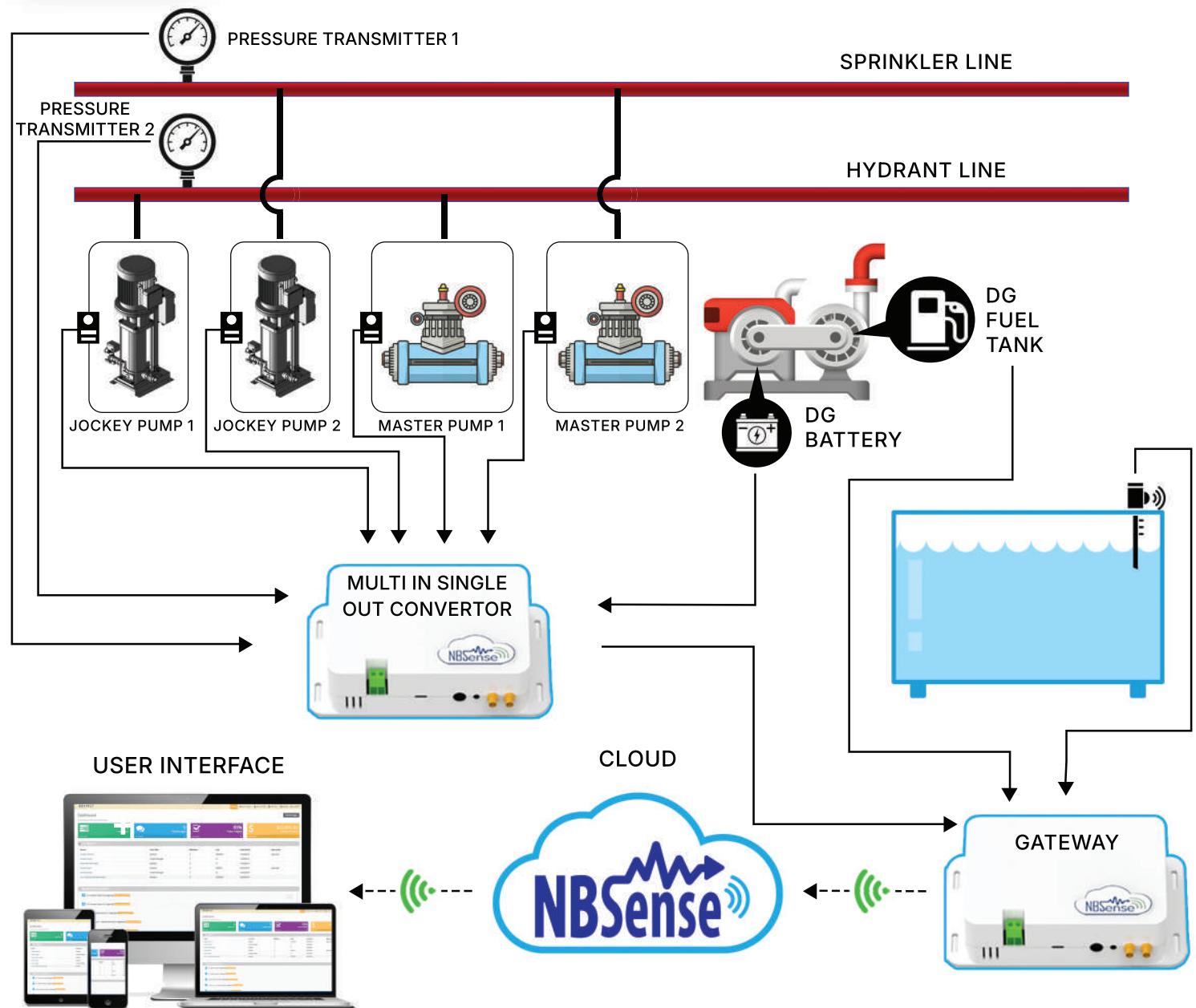
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NBSense 5.1 Fire-Fighting Hydrant System Monitoring



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

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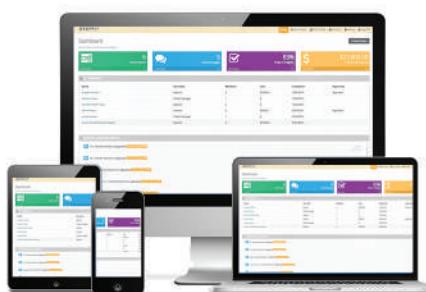
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NBSense 6.2 Battery Monitoring System (Individual Cell)



USER INTERFACE



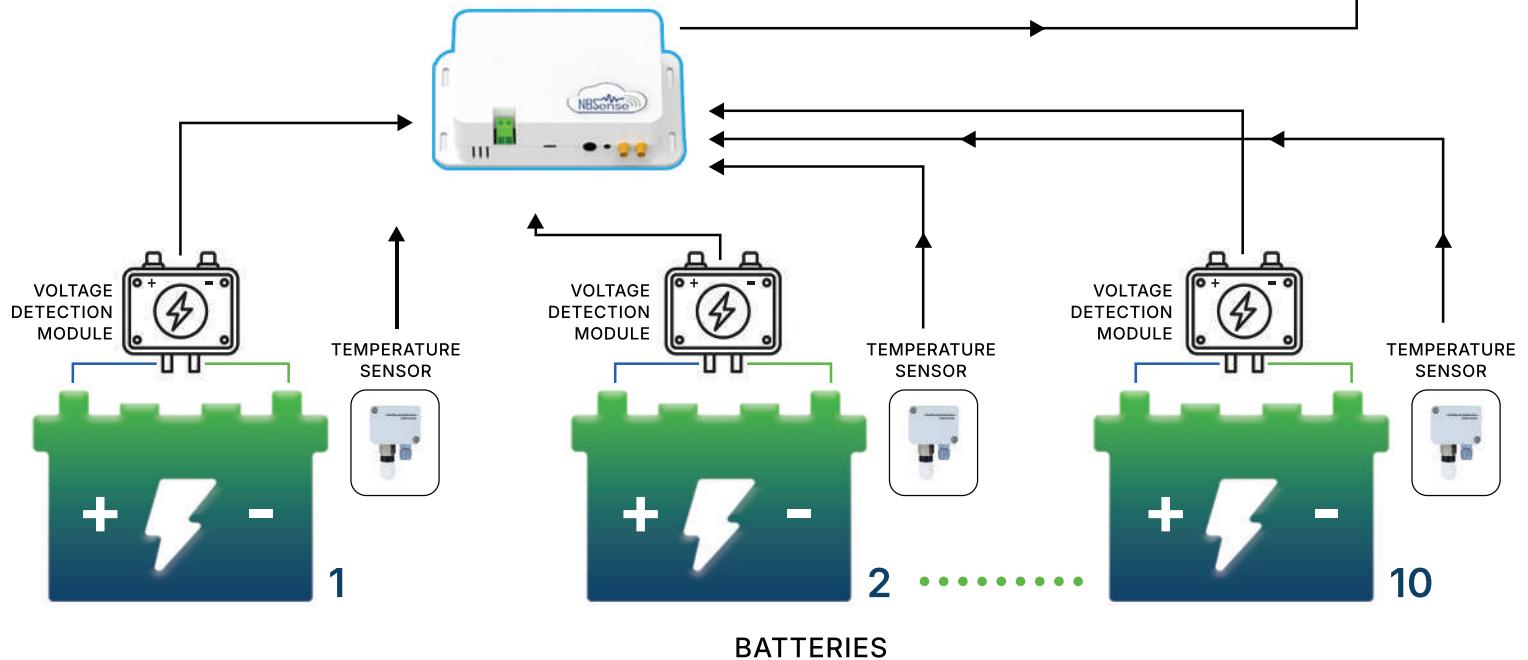
CLOUD



GATEWAY



MULTI IN SINGLE OUT CONVERTER



Software Features

- ✓ Access to smart Web-Dashboard
- ✓ Daily, Monthly, Yearly Data Trends
- ✓ Individual Cell Battery Voltage and Temperature
- ✓ Charging percentage
- ✓ Room Temp and Humidity Monitoring
- ✓ Mains power Status
- ✓ Data can export in XLS, CSV, PDF, JPG & PNG Format.
- ✓ Alarm Setup - Can set alarm of any parameter. with Web notifications, Email and SMS
- ✓ Multiple Systems on single dashboard
- ✓ Analysis - Customized Selection of Time Period

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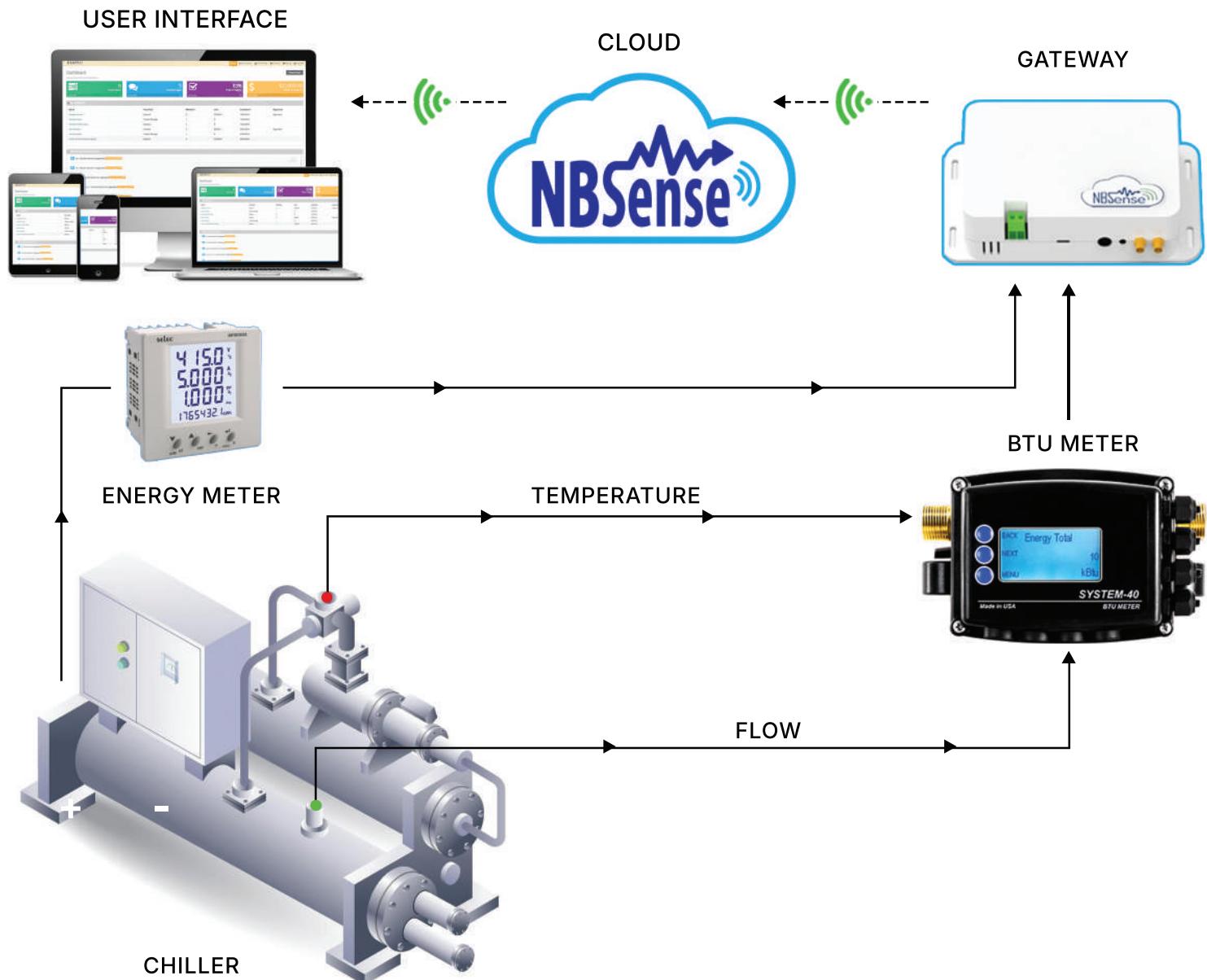
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NBSense 7.1 Chiller Plant Monitoring System



Software Features

- ✓ Supply Water Temp
- ✓ Return Water Temperature
- ✓ Chilled Water Flow
- ✓ Cooling Effect (TR) and Loading Percentage (%)
- ✓ Power Drawn by Chiller
- ✓ Specific Power Consumption (ikW/TR)

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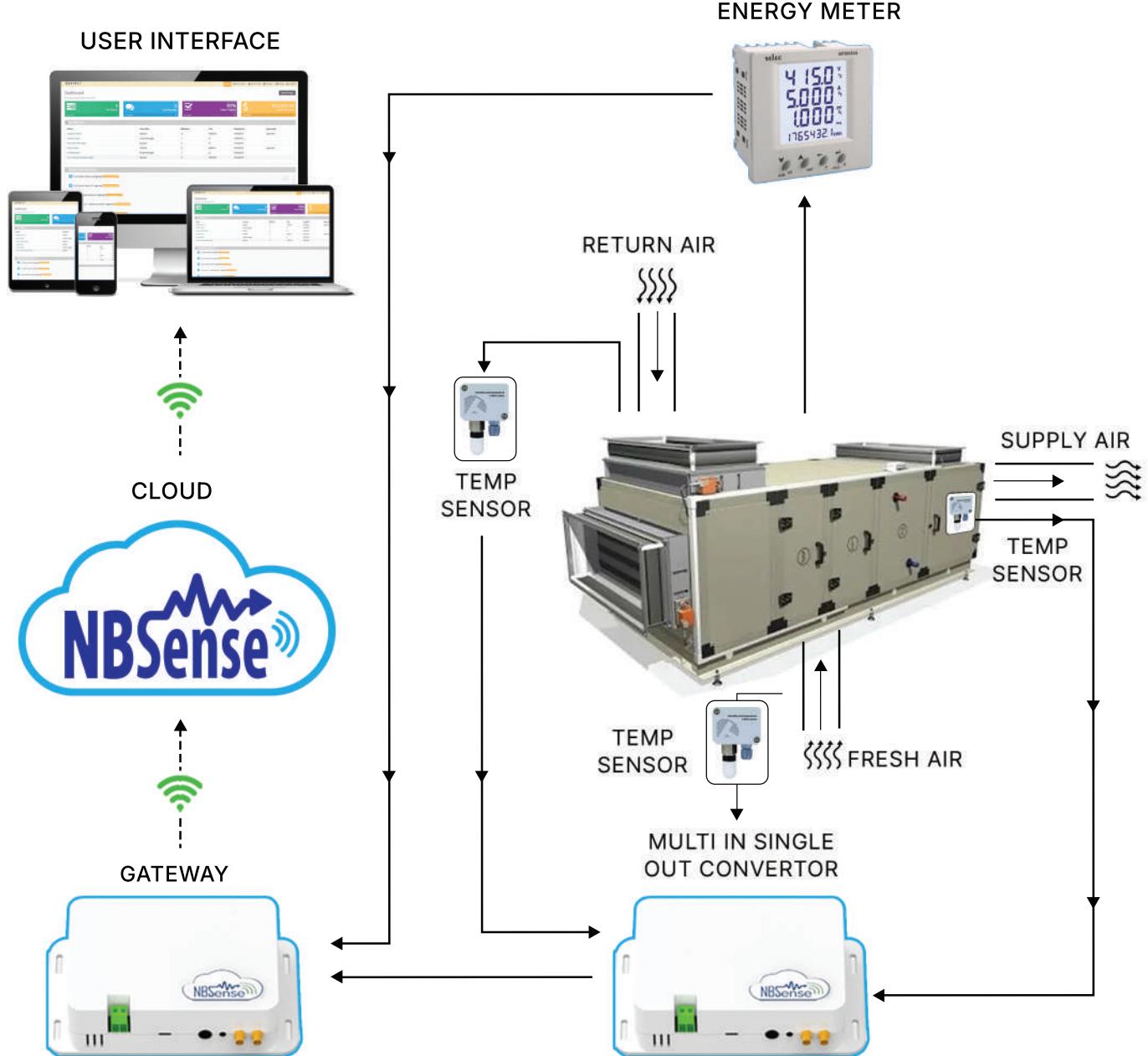
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HVAC 7.2 AHU MONITORING



Software Features

- ✓ Supply Air, Return Air and Fresh Air Temp Parameters
- ✓ Air Flow (Optional)
- ✓ Blower Power, On Off Time
- ✓ Cooling Load of AHU (instantaneous and trends)
- ✓ Differential Pressure (Optional)

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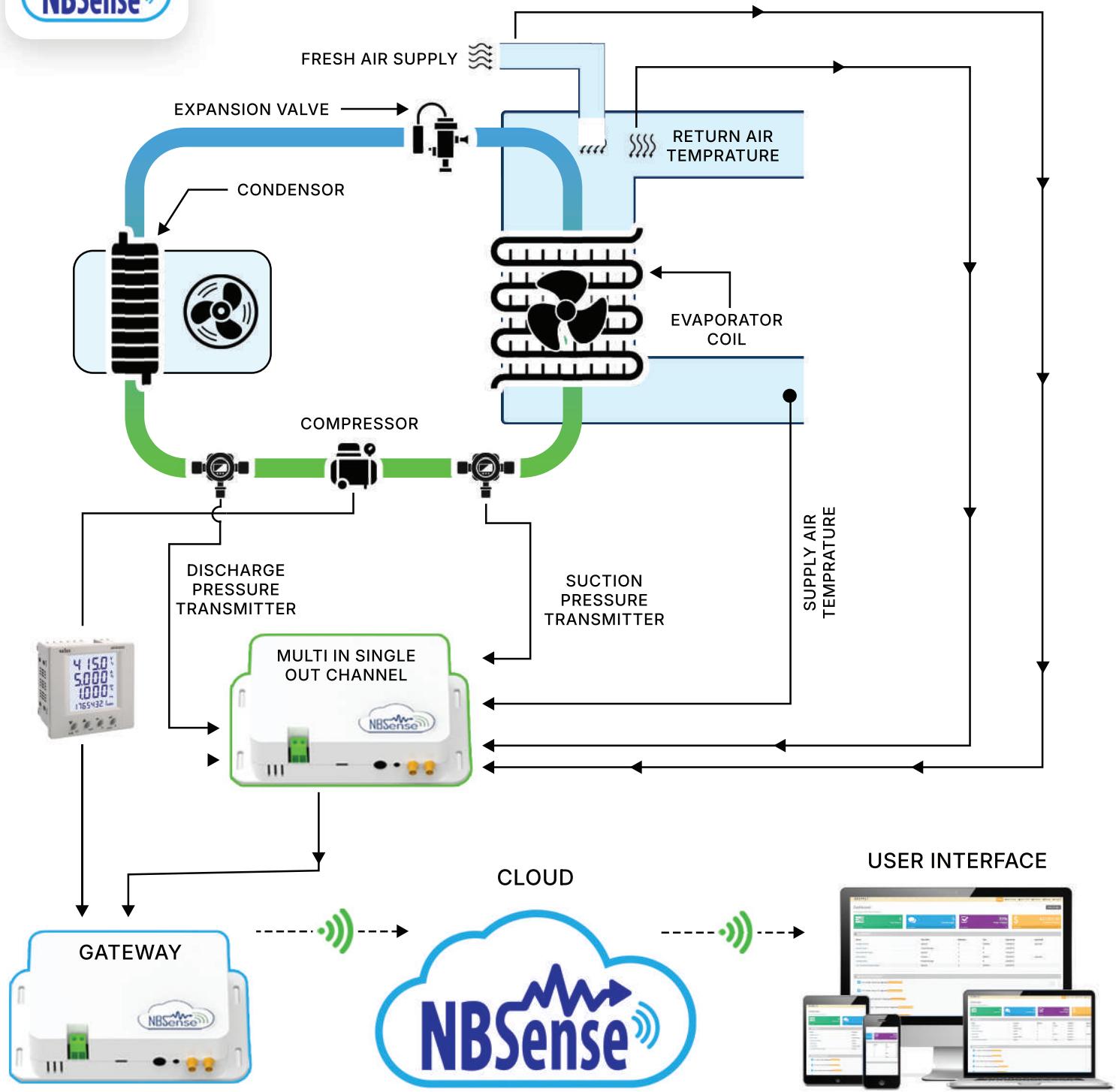
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HVAC 7.3 DEx Monitoring System



Software Features

- ✓ Suction and Dishcharge Pressure (Realtime and Historical Trends)
- ✓ Power Drawn
- ✓ Supply, Return and fresh Air Temp and Humidity
- ✓ Operational Time and off time details

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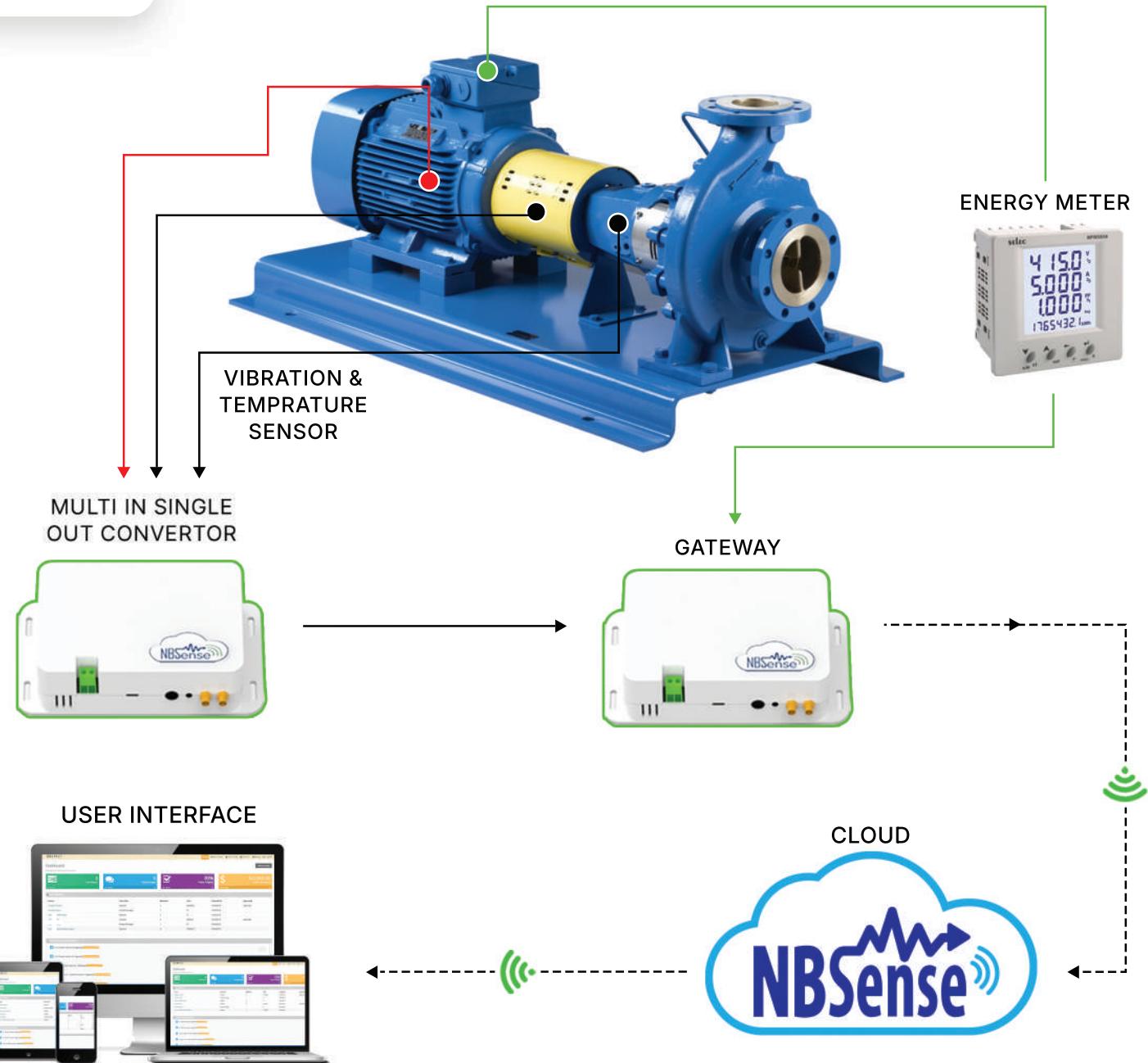
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NBSense 8.0 Vibration Monitoring



Software Features

- ✓ Real time (RMS) 3 axial acceleration value
- ✓ Machine Temperature value
- ✓ Marginal and Critical limits setup customize
- ✓ Alarms and warnings
- ✓ 3 axial relative velocity value
- ✓ Can set limits as per ISO 10816 standard
- ✓ Anytime anywhere access
- ✓ Electrical load and current signature analysis

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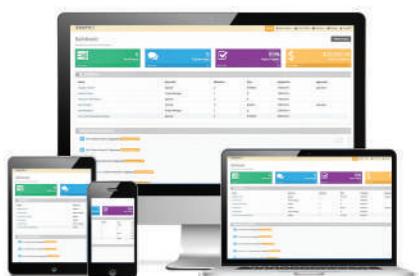
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NBSense 9.0 Compressed Air Monitoring System



USER INTERFACE



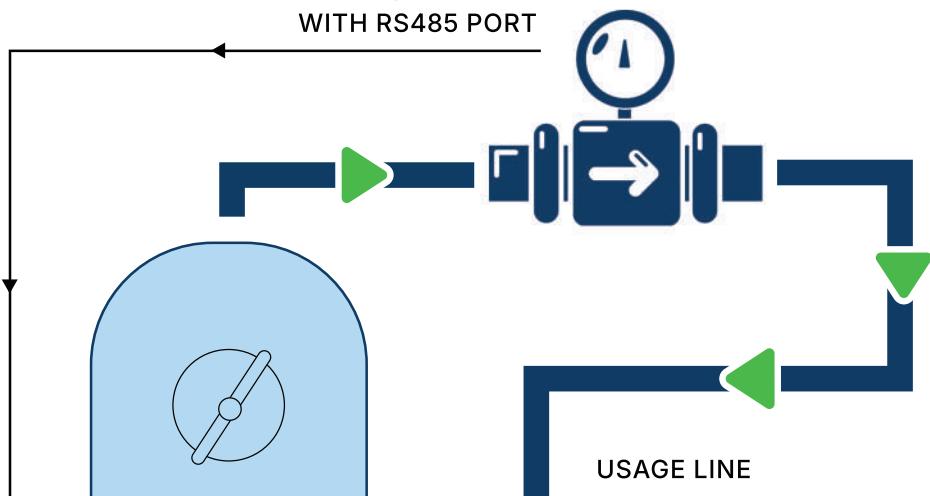
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GATEWAY



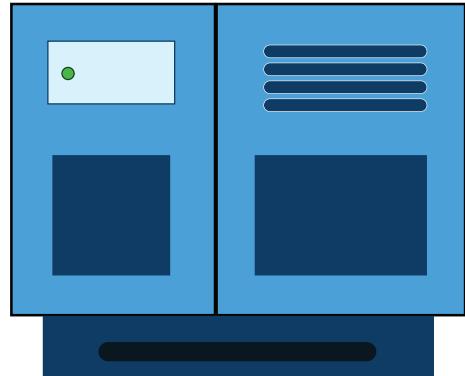
AIR FLOW METER
WITH RS485 PORT



USAGE LINE



ENERGY METER



AIR COMPRESSOR

Software Features

- ✓ Real time and Historical Air Volume and Pressure Data
- ✓ Power Consumption
- ✓ SEC (per volume Air power Consumption)
- ✓ Operational Time Periods (On & off time)

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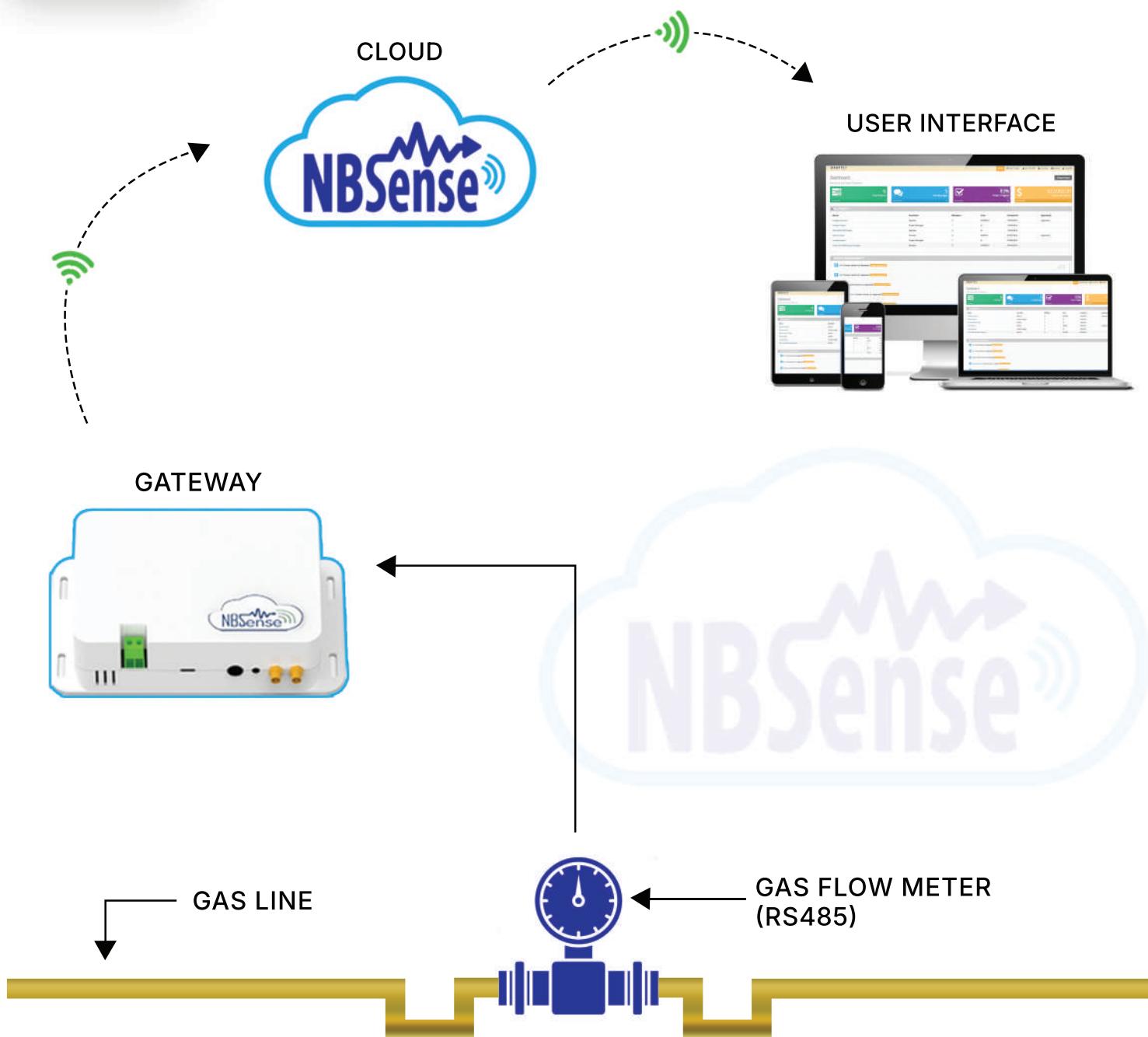
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NBSense 10.0 Gas Flow Monitoring System



Software Features

- ✓ Real time and Historical gas usage Trend
- ✓ Gas Consumption
- ✓ Gas Billing (Optional)

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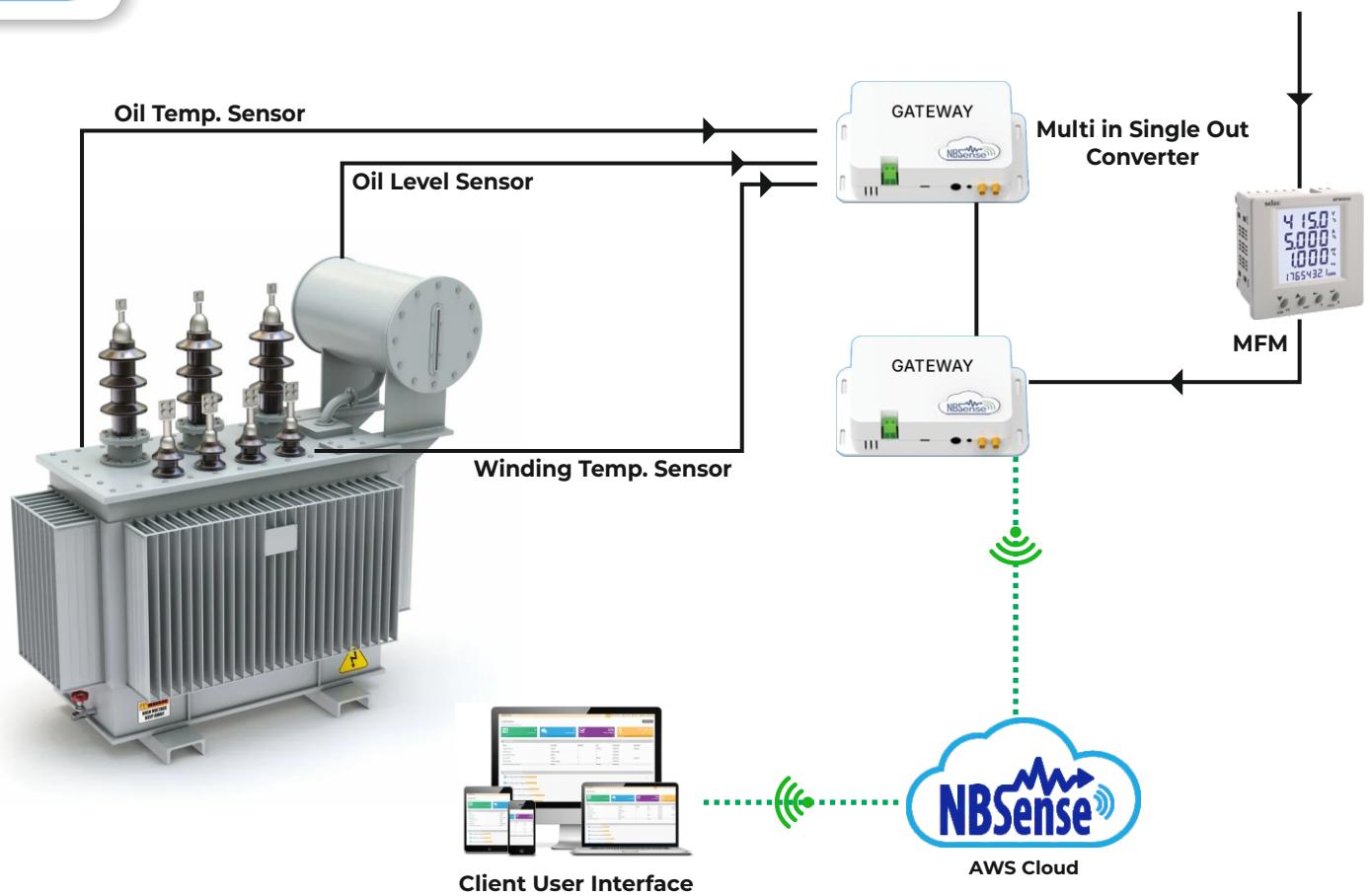
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NBSense 11 - Transformer Monitoring System



Software Features

- Access to Smart Web-Dashboard
- Daily, Weekly, Monthly, Yearly Data Trends
- Winding & Oil Temp., Oil Level, Electrical Perimeters
(Loading, Active- Apparent Power, PF, THD, Energy.)
- Analysis - Customized Selection of Time Period
- Data can export in XLS, CSV, PDF, JPG & PNG Format.
- Alarm Setup - Can set alarm of any parameter.
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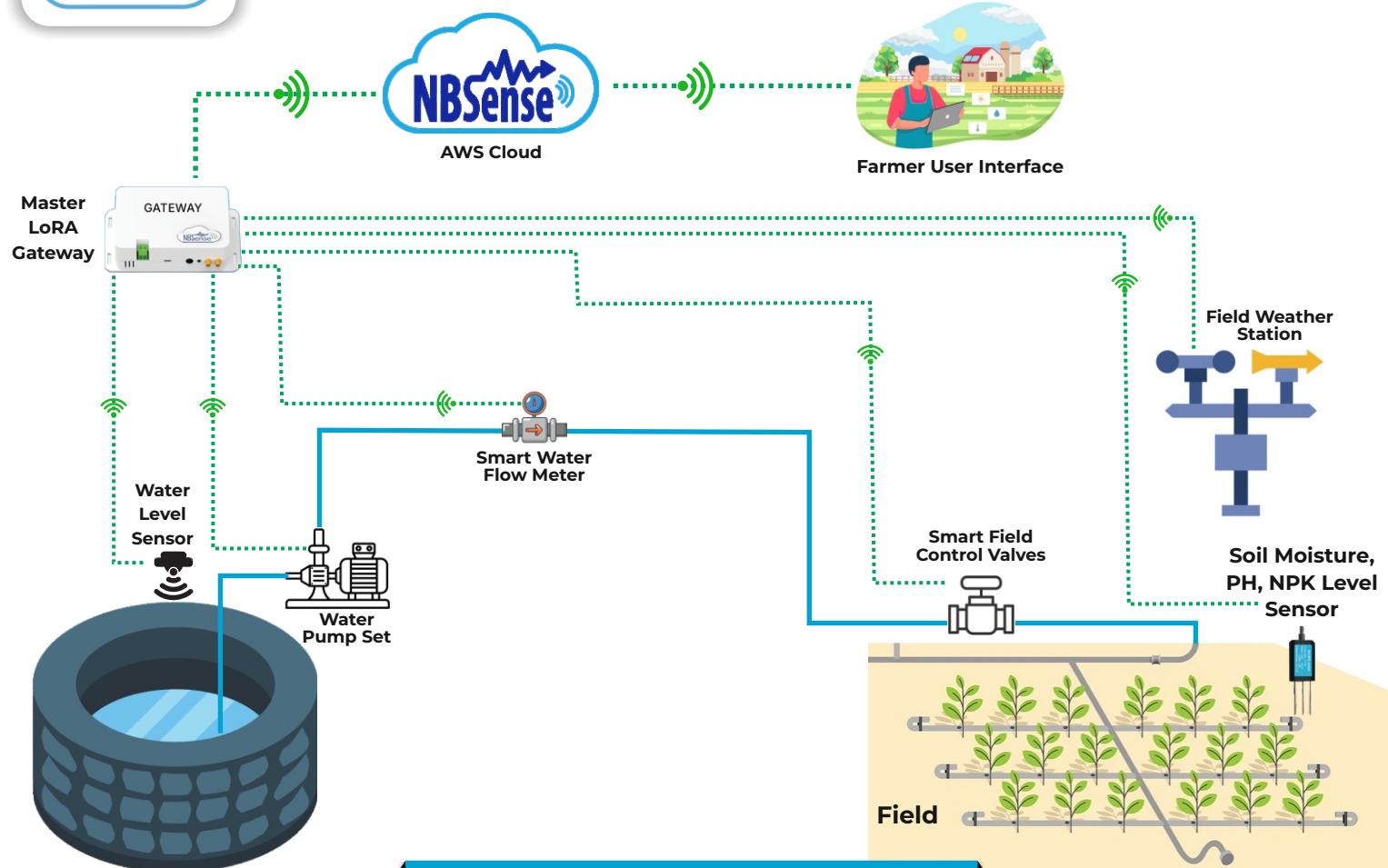
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NBSense 13 - Smart Farming



Software Features

- Access to Smart Dashboard
- Real Time All Agri Resources Parameters & Smart Control.
- Smart AI Enabled API Integration.
- Daily, Weekly, Monthly, Yearly Data Trends
- Customized Analysis & Control.
- AI Driven Smart Forecasting of Resources & Planning.
- Alarm Setup - Can set alarm of any parameter.
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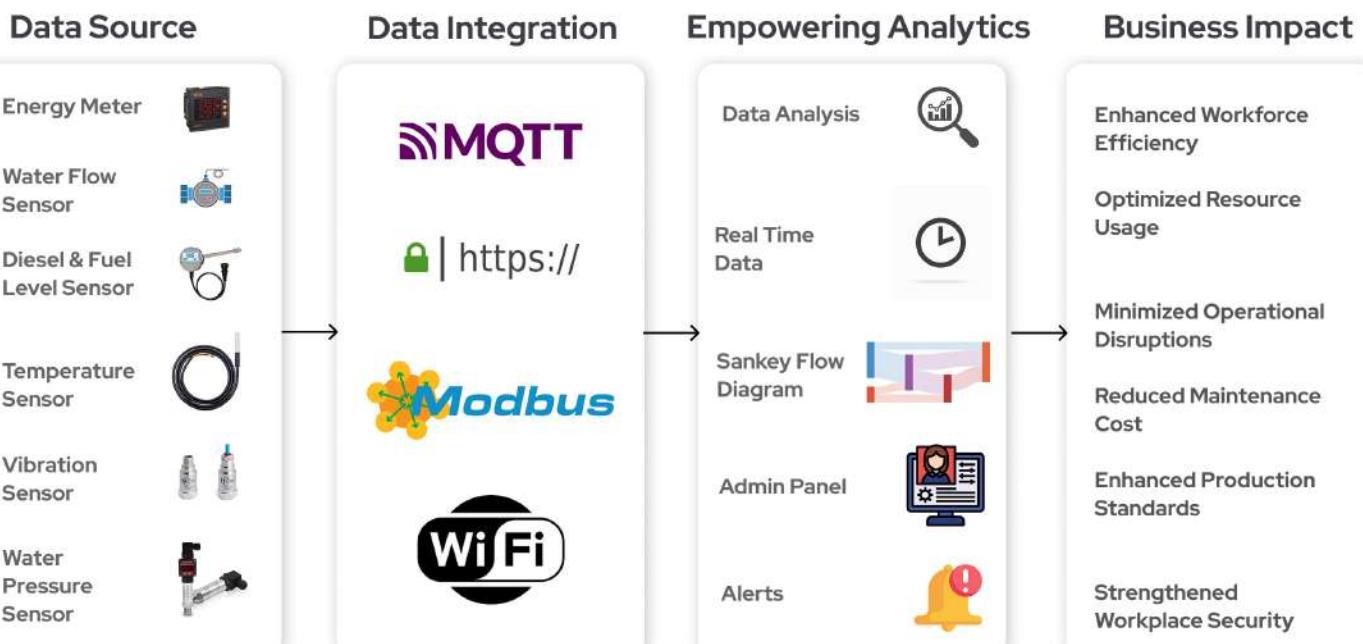
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Platform Architecture



our valuable clients



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