

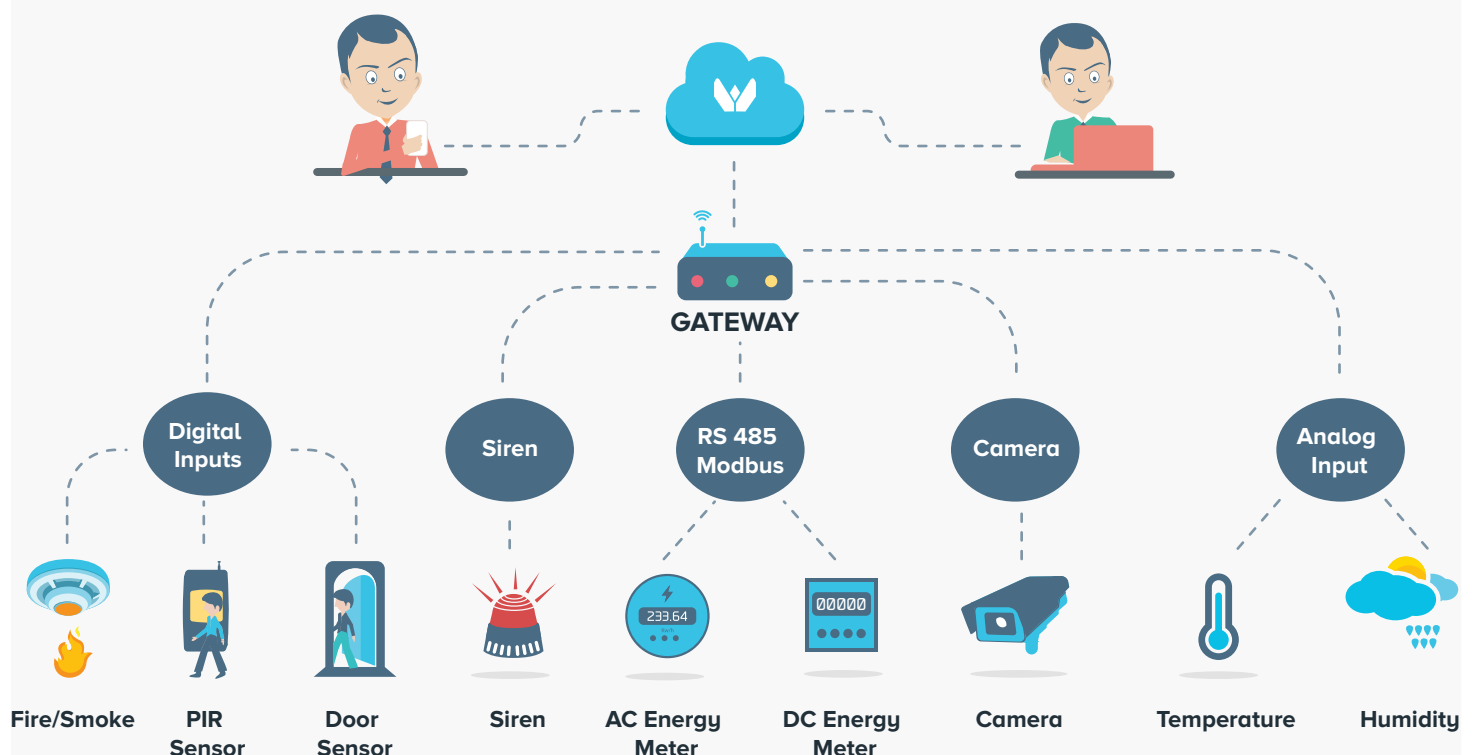
WebNMS ATM Site Manager

A Comprehensive Monitoring Solution To Take Control Over Off-site ATMs

WebNMS ATM Site Manager is designed to address the challenges associated with managing today's complex ATM sites. The solution enables ATM operators to take centralized control of tens of thousands of ATM sites in real-time, ensuring continuous uptime and better management of resources for improved profitability and customer satisfaction. Built on top of robust WebNMS IoT Platform, ATM Site Manager delivers a complete set of offerings – from security to asset management to real-time analytics of asset data, addressing every aspect of the operations of ATM sites distributed across the geographical area.

It is estimated that ATM sites managed by WebNMS ATM Manager can save between 30-40 % on energy bills.

Architectural Overview



Why Choose WebNMS for ATM Site Management?

Real-time Monitoring

WebNMS ATM Site Manager captures real-time information and monitors critical aspects of an ATM room in real-time such as energy consumption, diesel generator, battery bank, air conditioner, lighting, and more. With centralized control and enhanced reporting capability, ATM Site Manger enables IT administrators to examine and review all of its configurations remotely.

Proactive Troubleshooting

WebNMS Advanced Analytics module enables operators to proactively identify potential fault conditions of passive assets and raise alerts to resolve the issues, thus averting taxing downtime. ATM Site Manger captures data from ATM site assets such as sensors, energy meters, lighting, air conditioners, battery bank, camera, etc. The captured data is analyzed based on a number of key parameters that define the ideal operations conditions of the ATM site, generating actionable insights in real time.

Fault Management

Operational efficiency is improved through automated alerts delivered to the ATM site operators in the form of SMS alerts or emails. Intruder/smoke sensors trigger siren if any anomalous activities or tampering of the ATM machine are detected inside the ATM room. Fuel sensors monitor fuel level of the generator and sends alerts for refilling time at critical levels. The solution also keeps track of the refilled status, fuel level, generator running hours, and thereby prevents fuel thefts.

Energy Management

With automated controls, ATM Site Manager ensures optimal use of electricity for improved operation and energy efficiency. The system can regulate the temperature of the AC based on the surrounding temperature and humidity. Automated light and fan controls based on door entry timer ensure that no energy is wasted when the ATM is idle.

The lighting system in the ATM site is connected to a sensor that can automatically control the lights based on the intensity of ambient lighting. The network-controlled system identifies scenarios where the lighting needs to be turned on and off. With such controls, the ATM operator can create schedules to on/off the lighting systems, contributing to significant energy savings in the operation

Advanced Reporting

Reports are presented in a web-based Graphical User Interface (GUI) for speedy analysis. Customizable dashboard presents the inventory information in accordance to the preferences of ATM managers. Critical parameters like alarms, sensor status, energy usage, asset status etc., can be prioritized on the dashboard for faster information processing. Dashboard can also be customized to view historical data based on a week, month or over a specific period of time in the past.time in the past.

