

STP- Operation & Maintenance: Re-Imagined

- Save money
- Improve operations
- Track plant
- All at a click of a button



Remote Monitoring and Control of Sewage Treatment Plants

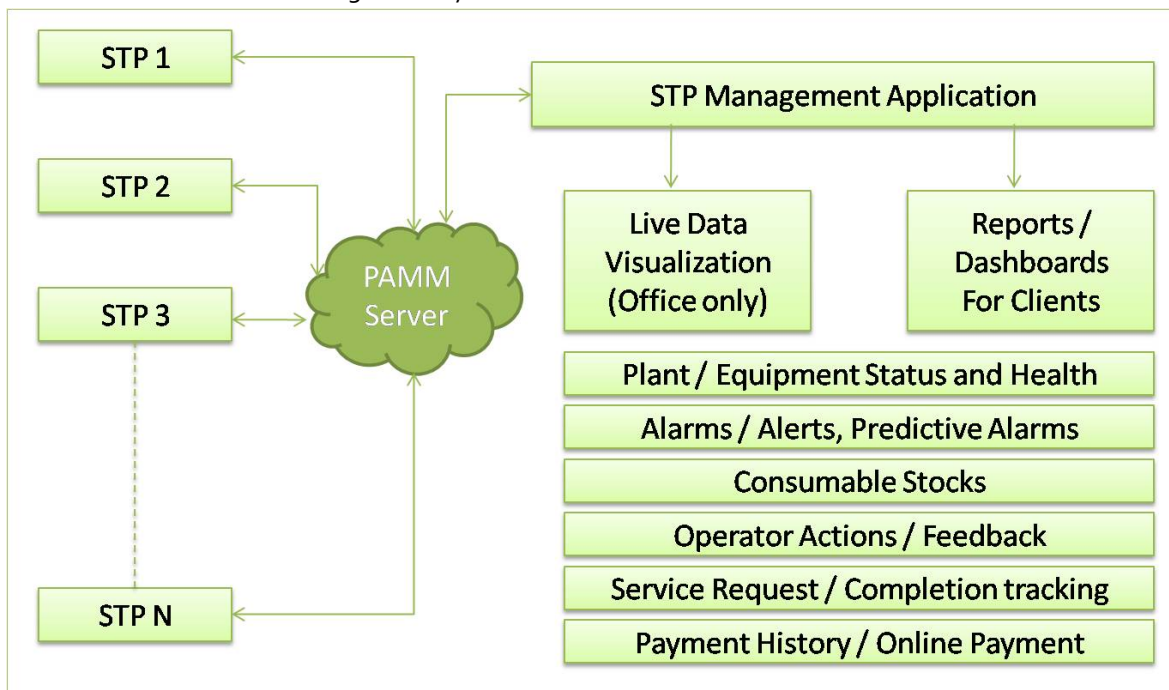
Introduction

With years of development and testing under its belt, PAMM's innovative hardware and software platform allows for continuous monitoring and operation of all connected STPs from a centralized hub.

Designed to cater to the complex and varying requirements of different STPs, PAMM's system ensures optimal performance and reliability for your building's sewage treatment needs. Plus, with the added convenience of a touch-screen display, local monitoring and controlling of your plant's operations has never been easier.

Say goodbye to the stress and uncertainty of STP management - choose PAMM's state-of-the-art technology for your sewage treatment needs today.

Here's how PAMM's STP management system works in a nutshell:



1. First, PAMM installs its unique hardware at your STP location, which enables the plant to be continuously monitored from a centralized hub.
2. Once the system is commissioned, PAMM's expert team of professionals closely monitor all plant operations and alarms on a 24/7 basis.
3. PAMM's highly trained team periodically visits the STP to take care of activities which need physical presence of the personnel.
4. Apart from routine visits, PAMM's standby team is always ready to take quick action and provide on-site support in case of any unforeseen issues.
5. All data from each plant is stored securely and analyzed to identify operational improvements and provide preventive alerts. This data is also made available to the customer, so you can have peace of mind knowing that your STP is operating at its best.

With PAMM's innovative and reliable STP management system, you can be rest assured that your sewage treatment needs are being handled by the best.

Advantages with PAMM's system

1



Reduce cost

Generally for a plant, an operator is required during each of 3 shifts. The skilled manpower with prior experience of STP operations, costs around 20,000 to 25,000 per month. This sums up to 7 to 9 lakhs per annum. With this solution, the manpower **cost could be cut down by 3 to 4 lakhs** despite being operated by highly skilled manpower supervised by industry experts and veterans.

2



Complete peace of mind

As the plant is being operated by experts on 24X7 basis, owner need not worry about operator availability, attendance, safety, holidays etc. Also hiring, training, induction of operators are all PAMM's concerns.

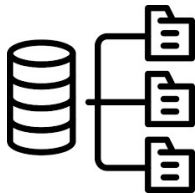
3



Reduce wastage and theft

As the system keeps track of consumable usage and stocks, you always know how much is used and how much is in stock. And at a click of a button, you can also order the consumables, spares and services for the STP. You can even pay online for all these materials and services. All this has never been so easy.

4



Store, Analyse, Improve

All the critical parameter data of STP is stored in a secure database. This historic data is analysed to generate valuable information such as preventive alerts, process improvements suggestions, equipment health alerts etc. Our development team is continuously working to make this system more intelligent and intuitive.

How to Install

Follow these easy steps to get this innovative system installed:

1. Inspection:

Connect with us using our phone / website / email. Our representative will visit your STP for primary inspection. Based on the capacity and condition of plant, we will propose repairs / instrumentation / improvements if required. These repairs will enable the plant for installation of our system.

2. Proposal:

PAMM will submit a commercial proposal for monitoring and operation of STP. If required, we will also give a separate proposal for improvements / repairs.

3. Confirmation, order and payment:

Written confirmation / order from customer and payment as per agreed terms is required for PAMM to proceed with further steps.

4. Installation:

We will install our hardware platform at your plant and integrate it with your plant's control panel, equipment, instruments.

5. Testing and commissioning:

We will test the installed system for 48 hours and clear out any snags and the system is live.

About PAMM

Welcome to PAMM Environmental Solutions Pvt Ltd, a Pune-based veteran organisation in water, sewage, and effluent treatment plant design, installation, and operation. Our team of experts are dedicated to providing the best possible solutions for your water treatment needs, with a focus on innovation, quality, and excellence.

Our extensive range of products and services includes advanced filtration systems, state-of-the-art reverse osmosis (RO) plants, and cutting-edge solutions such as copper-silver ionization for swimming pools and automatic multi-port valves for filters. With a strong commitment to manufacturing, turnkey projects and consulting, we provide end-to-end solutions to our customers.

At PAMM, we take pride in our ability to design, manufacture, install, and operate some of the most complex water treatment systems in the industry. Whether you're looking to set up a new plant or optimize an existing one, our team is here to help you achieve your goals.



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