



ascent intellimation

An ISO 9001:2008 company

ETP Monitoring Solution System

www.aiplindia.com www.enviroconnect.in





Background

- Effluent Treatment Plant (ETP) are operated for cleaning of water with treatment of effluents so it can be released to environment
- Correct operations and performance monitoring is important
- For correct operations certain parameters and plant performance needs to be monitored on continuous basis
- Central and State regulators have made it mandatory to ETP operators to share the release data on a centralised server
- ETP operator needs a central system for monitoring and receive alerts via SMS and email





Benefits to ETP Manufacturer

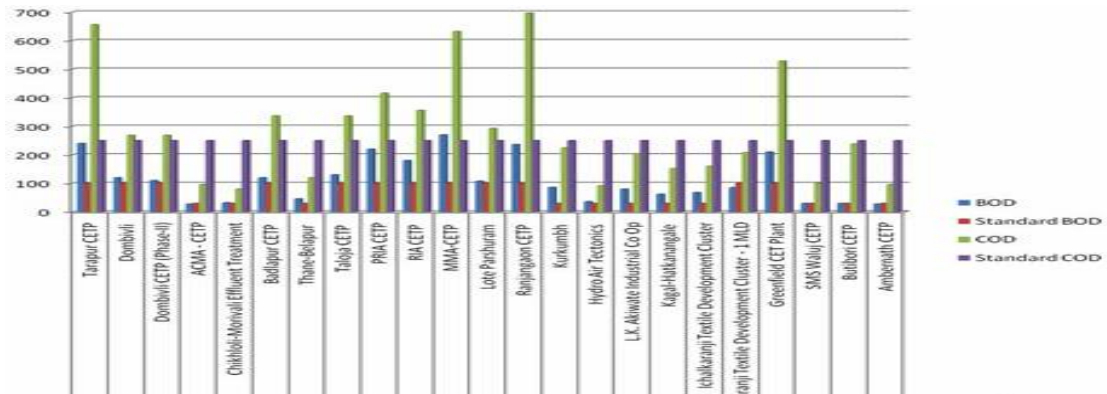
- Preconfigured ETP for monitoring
- ETP is pre equipped to share data to State and central regulators
- Additional revenue source for data upload to regulators
- Monitoring of ETP stations and ready reports as required
- Spare part sell betterment





Benefits to ETP Owner

- Integrated solution with ETP
- ETP is pre equipped to share data to State and central regulators
- To store and archive all such data for analysis and reporting
- To generate relevant alarms/ alerts and warnings based on real time data
- Availability of real time data and other information via Display board if required
- Required reports are inbuilt in the system



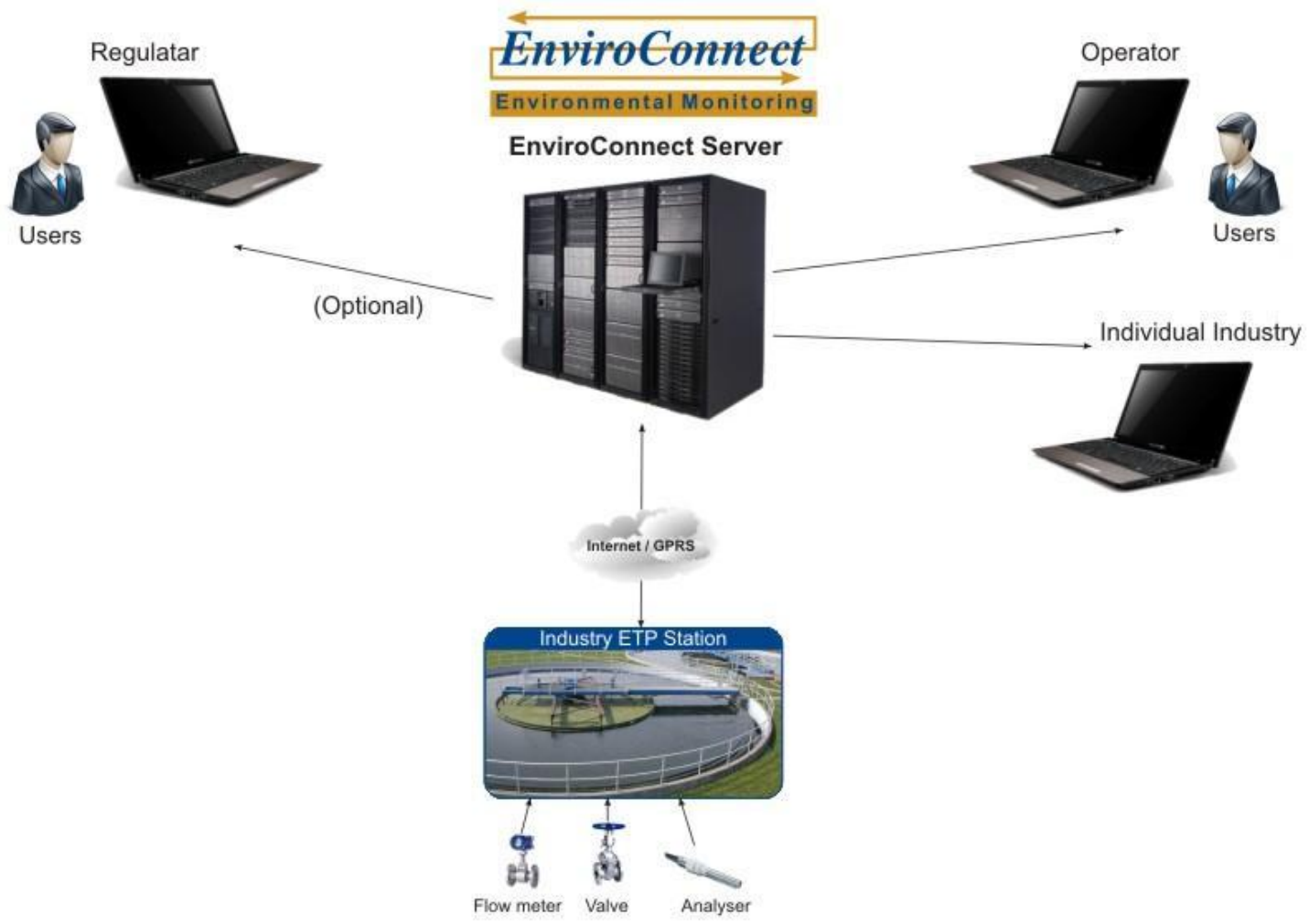


Benefits to CETP Operator

- View CETP utilisation data for each participating industry in real time and check with allowed loads
- View quality of effluent parameters with reference to CETP capability and permission to each industry
- Track overall capacity of CETP and its utilisation
- Flag and identify excessive and beyond contract usage and inform
- Commercials associated with usage – within limits/ beyond limits with fines
- Reporting
- Identify responsible industry in case of for exceedance of limit by CETP



Deployment Diagram





EnviroConnect Solution

1. EnviroConnect is a ready to use web based solution with all the required functionalities
2. The solution is proven in the field and is currently deployed at over 200 locations for Effluent Treatment Plants (ETP)
3. The solution is designed based on general standards of water quality monitoring requirements
4. Flag and identify excessive and beyond usage
5. All the required parameters are monitored and if required manual data entry option is also available in the system
6. Reporting
7. EnviroConnect is hardware agnostic and can acquire data directly from all known analyzers and other instrumentation and also capture images from an IP camera
8. Access Control





Typical Parameters Measured

1. pH
2. TDS
3. COD
4. BOD
5. TSS
6. Manual Entry of any parameter
7. And more

8. Flow Meter
 - Flow
 - Totalizer

9. Temperature



Advantages of Aggregator Server

1. Server can be installed on hardware at office or on cloud
2. The companies will have total control of the solution and will be able to offer these on shared basis or on SaaS basis to their customers
3. Hierarchical tree view of all sites at a glance
4. Historical data – average, min, max and averaging as per user defined time interval
5. Data export to HTML, PDF, CSV format
6. Automatic report scheduling and delivery by email / print

Thank You!

Reach us to know more

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