



Crienviro

Engineering Eco-Sustainability

Online Water Quality Monitoring

There has always been customer demand for flexible automated and zero maintenance plants. Crienviro has always been satisfied by our expert automation and integration team. We have access and implementation expertise on latest technologies which involves SCADA, GSM based communication and controls, with state of art reporting system, data collection, storage and authorized data retrieval systems. We work with cloud computing technology providing automated mobile and computer email alerts with reports on Creintors own mobile and computer applications (apps). Where there are issues with GSM based communication network, we provide dedicated RF transmitter and receiver system that work for 2.45 Ghz. and 5 Ghz. international free band frequencies. Our automation architecture has inbuilt redundancy and supports all mode of operations from fully automation, semi automation to fully manual systems with most simplified controls. These features ensure no plant operation interruption and thus supply of treated water. Automation includes

The treatment levels and mechanism of treatment plant Includes;

1. Online Plant Operation Monitoring System
2. Online Water Quality Monitoring System

Salient Features

- Measuring accuracy confirms the standards
- Reduction in downtime, operation costs and maintenance costs
- Increased productivity, high long term stability and reliability
- Improved and/or consistent product quality
- Analyze data and create real time graphical displays for operators and run reports for operators, engineers and management
- Greater environmental compliance and values
- Availability of accurate data/information, enabling timely decision making and better process control
- Greater customer satisfaction and brand leverage
- Reduce energy costs and minimizes the life cycle cost
- Optimize cost of engineering and implementation
- Better preventive and predictive maintenance.
- Helps to achieve the statutory and regulatory compliance by PCB
- Guide to maintain the healthiness of system
- Supported by Crienviro 24x7 hour customer service



Applications

- Drinking water clarification
- Effluent Treatment
- Sewage water treatment
- Industrial Applications



S. No.	ITEM
1	pH
2	Turbidity
3	Electrical Conductivity
4	ORP
5	Chlorides
6	Residual Chlorine