

Crienviro

Engineering Eco-Sustainability

Online Plant 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;

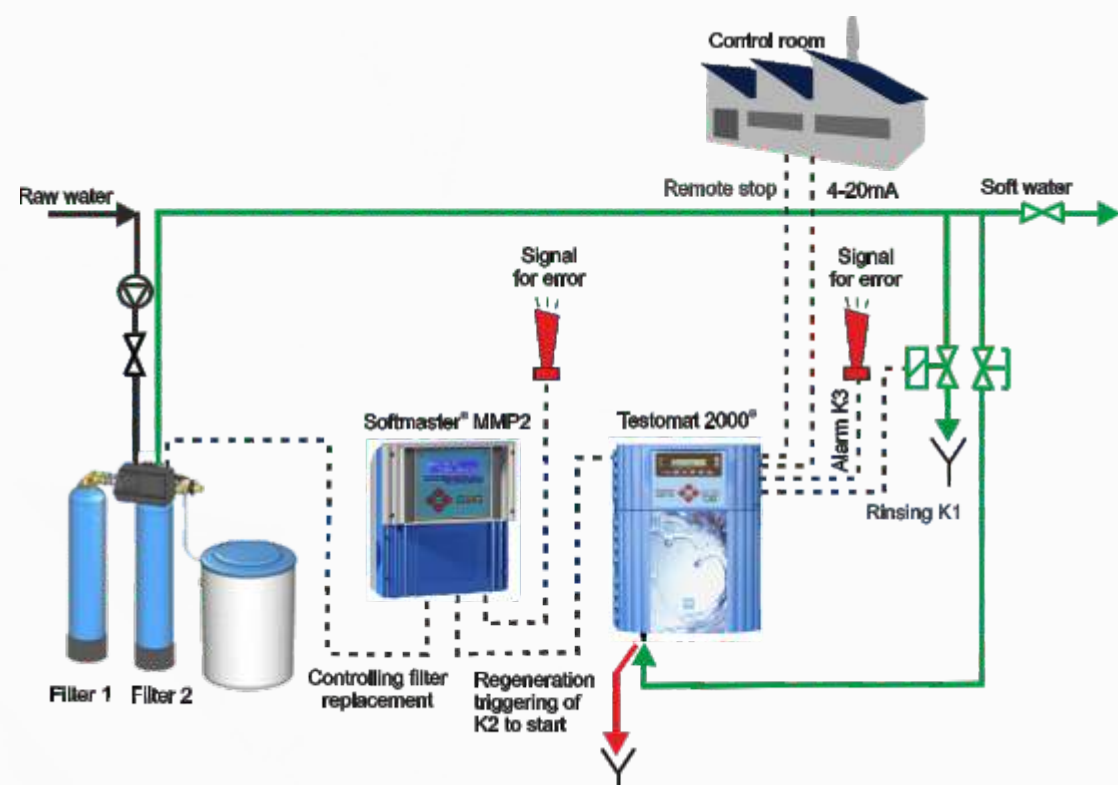
1. Online Plant Operation Monitoring System
2. Online Water Quality Monitoring System

Salient Features

- Measuring accuracy confirms the standards
- Reduction in downtime , operation costs and maintenance costs
- Interchangeable spare parts
- Increased productivity, high long term stability and reliability
- Improved and/or consistent product quality
- Repeatable performance
- Analyse 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.
- Supported by Crienviro 24x7 hour customer service
- Replaces the number of hardware systems such timer, relays in relay logic systems
- Helps to achieve the statutory and regulatory compliance by PCB

Applications

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



S. No.	ITEM
1	GSM/SCADA based system
2	Alert to Mobile and PC by message and mails
3	Logging of key plant operation data
4	Inbuilt battery backup
5	Dedicated RF transmitter and Receiver
6	Crienviro Application for getting online data of plant