Epitome Technologies

Water System Automation Package

Product Overview

In pharmaceutical plant, water is very important utility. Water is used in pharmaceutical plants at different stages of productions i.e. making solutions for spray, cleaning vessels, mixing powders etc. As water directly comes in contact with the product, raw water can not be used for above purposes. Hence it is necessary that the water used for above purposes meet certain quality standards. So it becomes mandatory for all the pharmaceutical plants to generate the pure water that meets certain quality standards to cater their needs. The Automation system designed uses combination of expandable Control Platform and precision filed instrumentation.

System Components – Control Hardware

A Control System with Open Architecture Design provides optimum platform for modular and expandable control. The System uses advance embedded technology to provide simple to complex interlock and controls with unmatched power yet simple to operate and build.

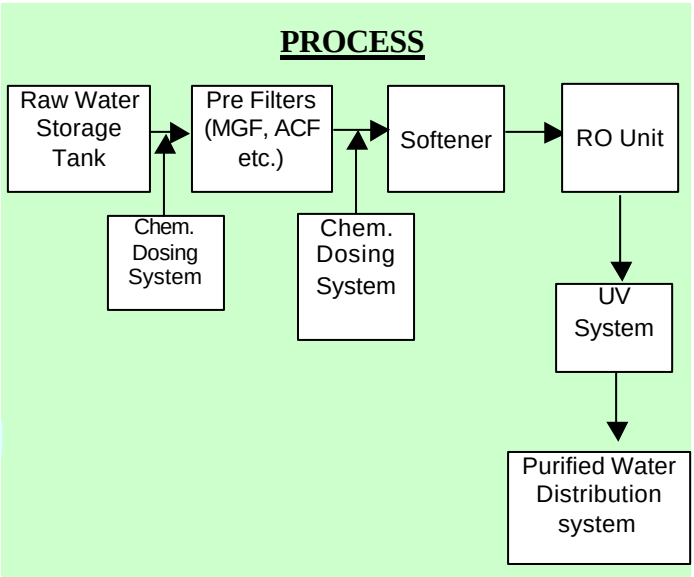
System Components – Control Software & HMI

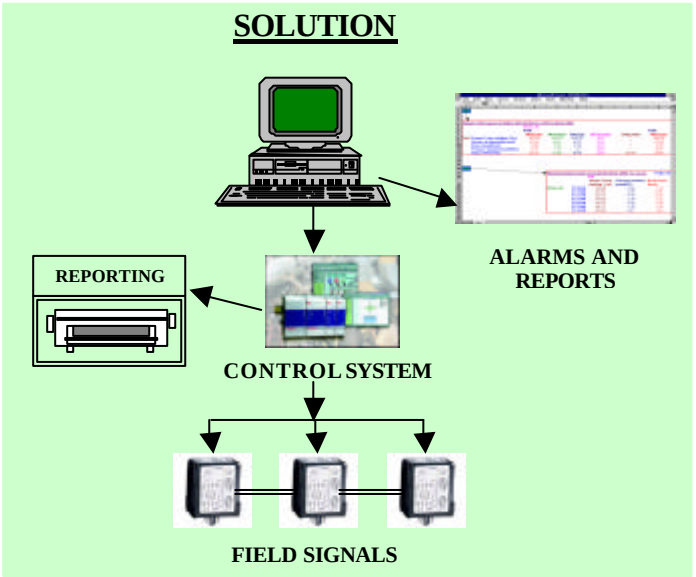
The System uses the advanced software tools and components to build the necessary interfaces with the process. The embedded web software ensures (optional) better multiple interfaces over an Ethernet network. Also connected are the hardware based Human Machine Interface (Operator and Terminal), which are to be installed near the processor for better monitoring.

The software can be installed on computer terminal and provides features like Graphics, Trending, History and Reports over user friendly formats

Sensors, Transmission Control Elements

While the advanced control hardware and software ensures the better control utility; highly updated sensors enhance the system performance and transmitters as well as precise control enhances, which are sourced from the international reputed manufacturers.





Benefits to Customer

- On Line Monitoring Of System Operation
- Centralized Control Of System Operation
- Ease Of Operation
- Operative Effectiveness
- Easy & Faster Availability Of Batch Records In Uniform Formats
- Optimization Of Manpower Resources
- Elimination Of Human Entry & Compilation Errors
- Web Connectivity
- Ease In Getting The Regulatory Approvals
- Consistent Performance
- Energy Conservation
- Enhanced Safety & Reliability
- Management Information Reports
- Integration With Company's ERP Systems

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