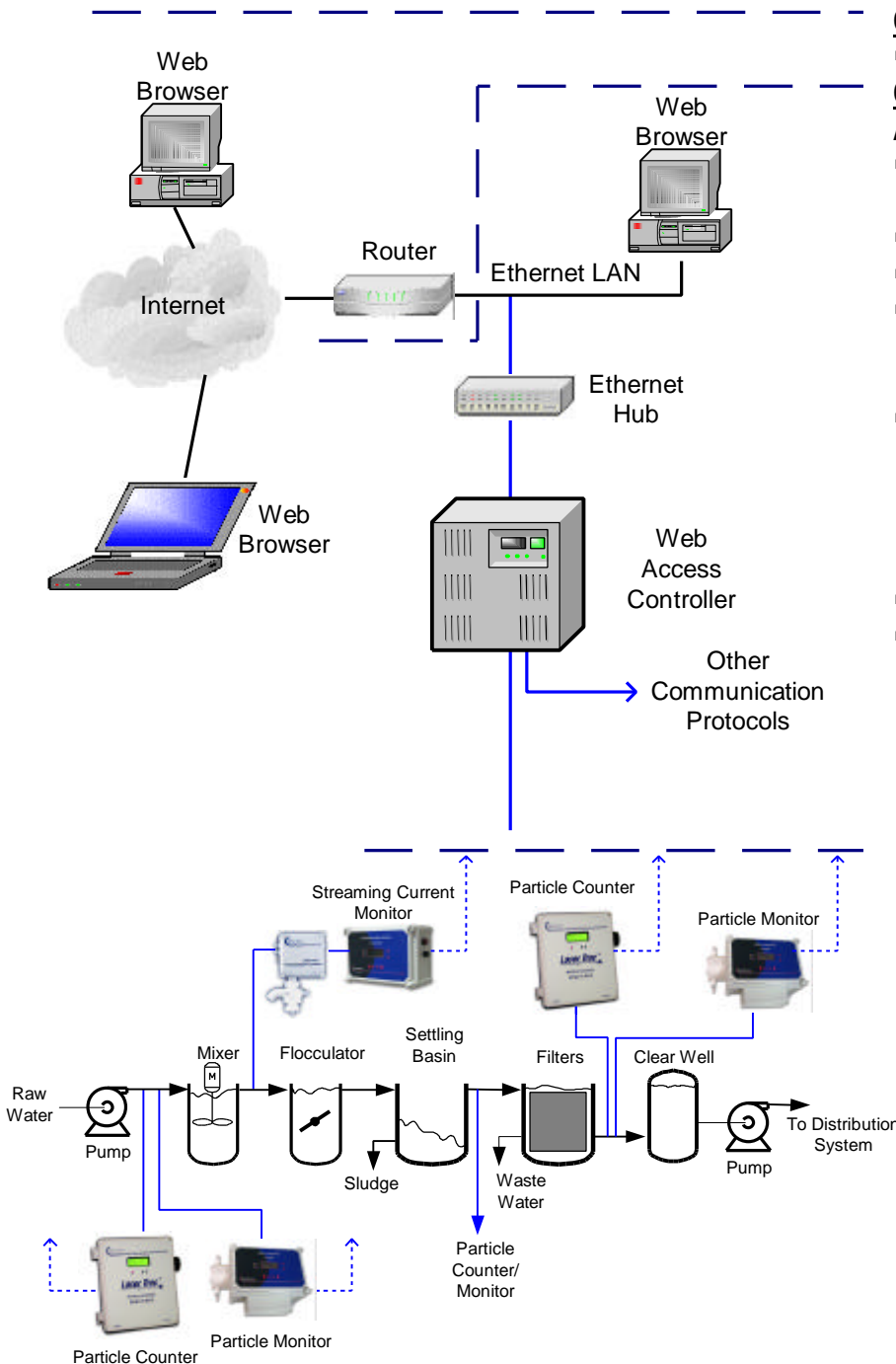


PLANT OPTIMIZATION SOLUTIONS

Chemtrac Systems, Inc. provides *Plant Optimization Solutions* for monitoring and controlling key optimization variables and operations of your plant. Complete solutions at the different levels are: Option 1 – Standalone Instrumentation, Option 2 – Using Ethernet Local Area Network (LAN) communications backbone, and Option 3 - Using Internet as communications backbone.

Configurations



Option 3: Internet Web Access

- Internet Connectivity via Web Browser

Option 2: Local Ethernet LAN Web Access

- Ethernet LAN Connectivity with Web Browser
- Real-time Monitoring and Controls
- Completely Programmable
- Supports unlimited users over an Intranet or the Internet via a standard Web browser.
- Pre-configured web pages include:
 - ✓ •Home Page
 - ✓ •Static and Animated Graphics
 - ✓ •Dynamic I/O Status
 - ✓ •Support Interface
- Data logging and trending
- Supports multiple open protocol standards
 - ✓ LonWorks™
 - ✓ BACnet™
 - ✓ Modbus
 - ✓ Others

Option 1: Stand Alone Monitoring and Control

- Streaming Current Monitor
- Particle Counter
- Particle Sensor

Descriptions

Web Access Controller:

- A compact PC platform with an integral hard drive
- A powerful integrating controller built for the Internet that supports open standards. Distributes real-time control functions across an Ethernet LAN
- Cost effective for any size installation
- Runs applications in a single unit, standalone configuration
- Multiple data ports for integration of multiple system protocols
- Supports unlimited users over an Intranet or the Internet via a standard Web browser

Water Quality Assurance



Streaming Current Monitor

- Precise control of coagulant feed
- Reduced chemical costs
- Automatic response to changes in raw water quality and /or flow



Dura-Trac Remote Sensor

- Quick replacement probe cartridge
- Removed electronic from harsh environments
- High volume down flow sample eliminates sensor fouling



Laser-Trac™ Particle Counter

- Count particles in the cryptosporidium and giardia size ranges
- Optimize filter efficiency



Particle Monitoring

- Particle Detection from .5 micron
- Sensitivity equal to particle counters
- Excellent correlation with multiple suspended solids units (NTU, TSS, SDI, mg/L, ppb)