SARLA®
TECHNOLOGIES
an engineering excellence

Water and Waste Water Industry

Sarla Technologies is an ISO 9001:2015 certified Engineering Services and Solution organisation. We have been serving the Water and Waste Water industry for the past 18 years. We have helped Original Equipment Manufacturers (OEMs), System Integrators (SIs), Engineering Procurement & Construction (EPC) and Solution to serve Leading Utility Companies.

We have utilized our rich experience on Water and Waste Water treatment processes to offer reliable engineering services to our customers. We have extensive experience on various customer and industry specific standards like WITS etc.

Services and Solutions Portfolio

Industrial Automation

Application Development- PLC, DCS, SCADA & HMI, Safety

Control System Migration & Upgrade

Integrated Testing

FAT, SAT

Commissioning

24x7 Support

Design Engineering

Detailed engineering- Plant, Process and Equipment

2D drafting and 3D modeling

Mechanical, Piping and Structural

Electrical & Instrumentation

Migration / data conversions

Analysis and Simulations

Plant IT & Software Development

Microsoft: C#, VB .NET, C, C++, WPF, SQL Server

Open Source: Python, AngularJS, Java

MES, ERP integration

Integration with RFID and Barcode Scanners

Plant Analytics and Reporting

Our Experience on Various Water and Waste Water Systems, Processes and Equipment

Potable Water Purification

Pre- chlorination

Aeration

Coagulation & Coagulant Aids

Sedimentation

Filtration, Desalination & Disinfection

Waste Water Treatment

Inlet Screens & Storm Tanks

Sedimentation

Filtration

Oxidation

Dewatering

Digestion

Industrial Waste Treatment

Brine Treatment

Solids, Oils and Grease Removal

Biodegradable Organics

Treatment of Acids, Alkalis, Toxic Material

Sewage Treatment

Filtration

Lagooning

Aeration

Disinfection

Odour Control

Our Success Stories in Water and Waste Water Industry

Automation Engineering for a Leading Water Services Company in UK

Processes: Reverse engineering the existing site back-up for more than 10 waste water sites.

Scope: Reverse engineer the existing SCADA / HMI systems to develop the new SCADA system. Design, Development, Configuration, Testing, iFAT & CFAT

Hardware & Software: Siemens Step 7 , Siemens WinCC

Remote Monitoring Solution for Water bodies using Cloud Managed Service, The Netherlands

Processes: Monitoring and control for the field instruments at the water body terminals

Scope: Remote monitoring solution for water bodies with drivers to monitor. Secure field device integration with Azure cloud, Create Mobile Application

Hardware & Software: ASP .NET, MVC, Angular JS, C#, SQL Server, jQuery Mobile UI, Microsoft Azure

Engineering Services for Government Authority at Water treatment plant in Singapore

Processes: Automation Engineering for Drinking water treatment areas- Chemical dosing, RO & UV

Scope: PLC Upgradation, Logic development for PLC, SCADA development using Ignition SCADA Ver7.8 and Onsite FAT

Hardware & Software: Ignition SCADA, SQL Server 2008, Siemens S7- 400H

Control Panel Design at a Waste Water treatment plant for Water Company in UAE

Processes: Design of PLC control panel for reservoir pumping station of Waste Water Treatment Plant

Scope: Prepare EPLAN electrical drawings Panel layout – Internal & External. Electrical wiring diagram for PLC control panel and control desk panel

Hardware & Software: EPLAN Electric P8 V2.0 AutoCAD

Key Enablers

In-house PLC Labs & Experience Center: Industrial skid with sensors, valves, drives. PLC labs with Siemens, Rockwell, Mitsubishi, etc.

Online Project Management Tool: Cloud based project and quality management tool to track the development of the projects.

Quality Management Systems: ISO 9001:2015 certified quality management system and practices.

State of the art Infrastructure: Reliable IT and network system with secured FTP, VPN, back-up servers, networking & in-house IT support teams.

Our Value Proposition

One Stop Shop: For various Engineering Skills-Automation, Design, Plant IT projects.

Water and Waste Water Expertise: Rich process knowledge and experience in standards like ISA-88, WITS, etc.

Specialists in Migration & Upgrade: Rich knowledge of various tools for migration & upgrades.

Absorption of Variable Project Load: Engaging on projects from few man-weeks to multi-year contracts.

Cost Efficient Engineering: Proven Remote Engineering Model with cost competitive resources.

Let's connect   www.sarlatech.com   sales@sarlatech.com

Mumbai, **India (HQ)**
+91 22 6785 2300

Pittsburgh, **USA**
+1 412 928 2052

Milton Keynes, **UK**
+44 20 7660 2338

Dubai, **UAE**
+971 4 2954821

Haarlem, **Netherlands**
+31 6 15203446

© Sarla Technologies