



MATRIX INTERNATIONAL (UK) LTD.

BASIC PROJECT OVERVIEW

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## Basic list of Operations for Water Treatment & Supply fitting

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## **1 Abstract**

Matrix implemented the software, Electrical and SCADA system for Water treatment & Supply.

## **2 Machine Assets**

- Storage reservoirs - cleaning/sand filtration/ water storage.
- Pipes/Pumps/Valves/Temperature control et al.
- Dosing and pressure systems.

## **3 Process Function**

- Conversion of water to portable water- cle.
- Sufficient pressure in water network for supply to continue.
- pH control and management.
- Clarification, Filtration and disinfection systems.

## **4 Software Function**

- Computerized maintenance management system.
- Recipe handling - via a SCADA system
- Maintenance reporting - Sensors report state of various critical parts to aid in maintenance process pre-emptively.
- Part Tracking - MES system to ensure a paper trail for batches of product.
- Reporting - for information with respect to how to improve the system.