

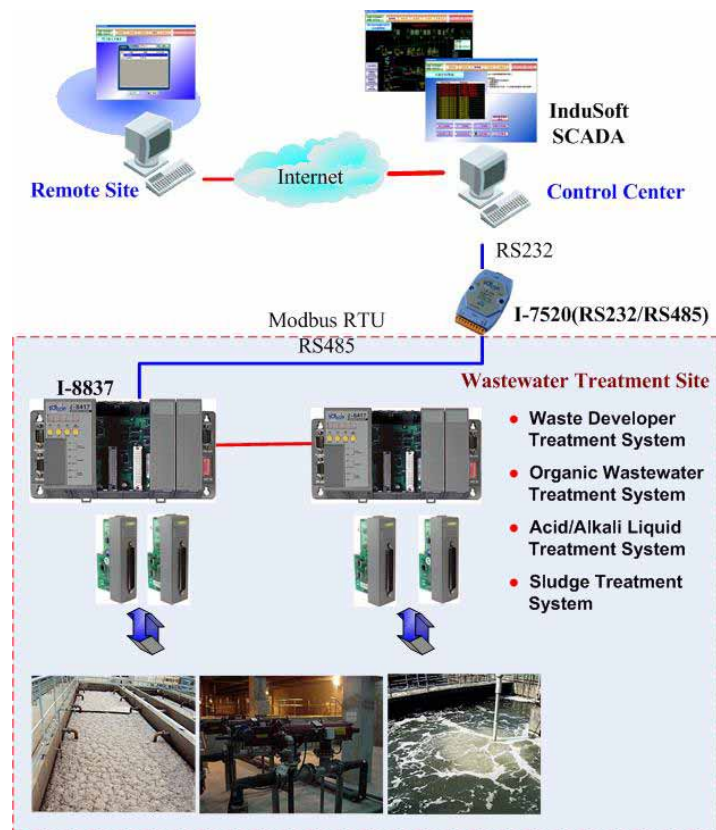
The Wastewater Treatment System of Electronic Industries

Great quantities of poisoned wastewater are produced during the production processes of electronic products. If factories were to discharge wastewater into rivers arbitrarily, it would cause the serious harm to ecological resources. Wastewater treatment systems not only change poisoned substances into non-poisoned substances, but also recycle water resources so they can be used again. ICP DAS uses a high-performance controller [I-8837](#) to control main system processing process equipment, and to communicate with [InduSoft](#) SCADA software—the user interface of the supervisory and control system. Users receive information about on-site processing status from any computer with an internet connection and browser at any location. [I-8837](#) is designed to fit the worst circumstances in industrial environments, so that this system provides a stable and dependable control system. [Indusoft](#), the SCADA software, has a friendly interface for users to develop their own systems fast and easily.

System Framework

1. The system includes waste developer treatment, organic wastewater treatment, acid/alkali liquid treatment, and sludge treatment. Each system handles different processing processes.
2. The main control equipment is the on site [I-8837](#) controller.
3. [InduSoft](#) SCADA software communicates with [I-8837](#) through Modbus RTU communication interface.
4. [InduSoft](#) SCADA software provides status alarm, and report functions.

Wastewater Treatment System Flow Chart



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Features

1. Uses standard Modbus RTU communication interface
2. Easy to use graphical user interface (GUI)
3. For the safety, system will stop warning area automatically when alarm executes.
4. Monitors systems from remote sites through web browsers.

[I-8837](#) Series controllers from ICP DAS are an industrial platform with fine construction and powerful functions. With the ISaGRAF development environment, users can develop a fully functional wastewater treatment system with ease. [I-8837](#) has I/O slots. An extensive range of [I/O modules](#) are available from ICP DAS that will meet your requirements. Users can connect to control centers easily with the Modbus communication interface. Ingenious design and stable systems give users the best combination of efficacy and budget control.

