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INDUSTRIAL AUTOMATION CONTROLLER PROGRAMMING SERVICE

Product Category : Automation



ELECTRICAL SPECIFICATIONS



WE DELIVERS THE PACKAGE INDUSTRIAL CONTROLLER SOFTWARE FOR YOUR INDUSTRIAL PROCESS CONTROL SYSTEM. SUPPORTED BY EXPERIENCE ENGINEER IN FOR ELECTRICAL, INSTRUMENTATION AND AUTOMATION PROCESS INDUSTRIES.

COVERAGE PROCESS CONTROL FOR STEAM, WATER, AIR AND POWER PROCESS CONTROL

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We provide solution for automaton base turnkey project with programmable logic controls driver and scada of all makes as specified by the customers for all kind od water distribution management. Water treatment plants. The customer can supply the process automation control description. The customer also choosing the type of controller plat form where the automation control program is build.

Monitoring and controlling the entire water distribution system of individual pump houses, plant with the help of stand alone plc and scada. Integrating the entire system through PLC RS485 and RS232 ,Ethernet or Modbus communication standard.

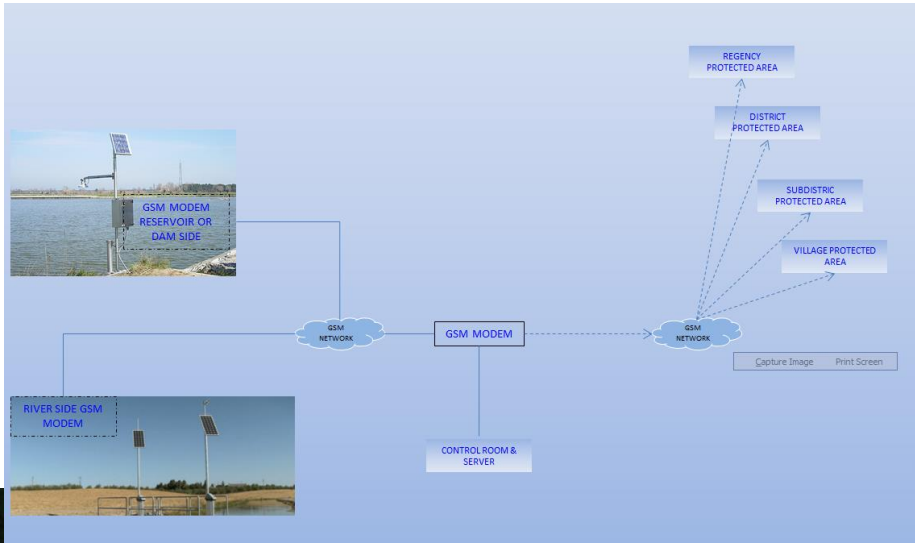


**PROGRAMMING SERVICE
WATER DISTRIBUTION SYSTEM (WP01)**

Product Category : Automation



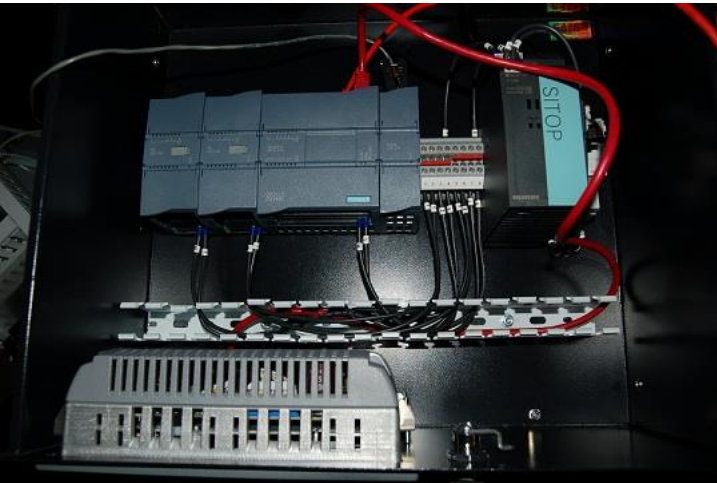
As the name indicates, flood early warning system by which flood induced hazards can be minimized and prevented. There are few places on earth where people need not be concerned about flooding. Any place where rain falls is vulnerable, although rain is not the only impetus for flood. A flood occurs when water overflows or inundates land that's normally dry. This can happen in a multitude of ways. Most common is when river or streams overflow their banks. Excessive rain, a ruptured dam or levee, rapid ice melting in the mountains, or even an unfortunately placed beaver dam can overwhelm a river and send it spreading over the adjacent land, called a floodplain. Coastal flooding occurs when a large storm or tsunami causes the sea to surge inland



The solution offered by radio communication device integrates an early warning and notification system with one or several monitoring systems. The warning part of the system serves to give advance warning to inhabitants in an endangered area of the approaching danger in several stages, based on the information collected from a monitoring system. The notification part of the system simultaneously informs the persons in charge/first responders and urgently summons emergency management units. In order to detect and evaluate data about a potential danger, various procedures are used, depending on whether such floods are caused by long-term rainy weather and raised water levels or by torrential rain and subsequent sudden floods. Computer simulations can facilitate the process of localization of such potentially endangered areas

**PROGRAMMING SERVICE
FLOOD EARLY WARNING (WP02)**

Product Category : Automation



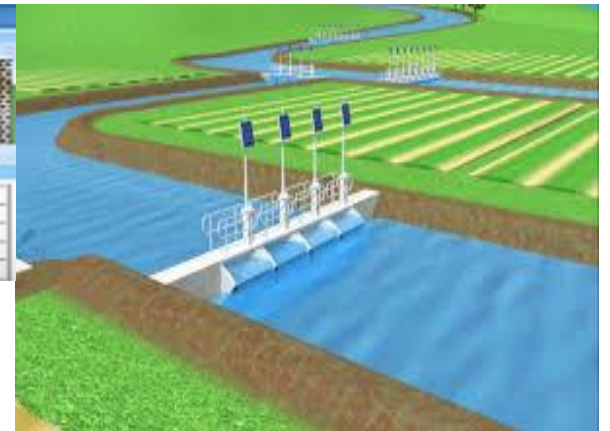
Controlling the levels of water in their dams. The staff is doing the monitoring in manual basis which is too risky, especially in times of bad weather, having led to the loss of lives in some of the countries where it is being practiced. It is suggested to use microcontroller kit with power supply. Microcontroller is a device that read the input, process the operation and write the output.

Monitoring the levels of water in their Dams. The movement of staff to and from dams comes with logistical technicalities that cannot in some cases, be offset by state and private water agencies. This is quite expensive too, tending to sometimes be limited by financial constraints, hence posing a health risk issue.

Receiving danger warning and alerts. Manual systems do not have in place any mechanisms that would allow them to make automatic detections when dams come close to overflowing, and this is a health risk issue. The unavailability of alarm systems means that dams do not have an in-built mechanism for sending out warnings when their waters come to dangerously high levels.

We offer programming software of automation dam system for hydro power station, farmer water irrigation and other water application. The control enable remote control system for water gate supported by special engineering control program for specific water management control system.

We offer programming software for specific process functional description based on your application specification. You can choose the automation controller type that you want. We offer variates controller such as **Allen Bradley, Mitsubishi, Omron, Wago** controller



PROGRAMMING SERVICE WATER RESERVOIR AND DAM CONTROL (WP03)

Product Category : Automation

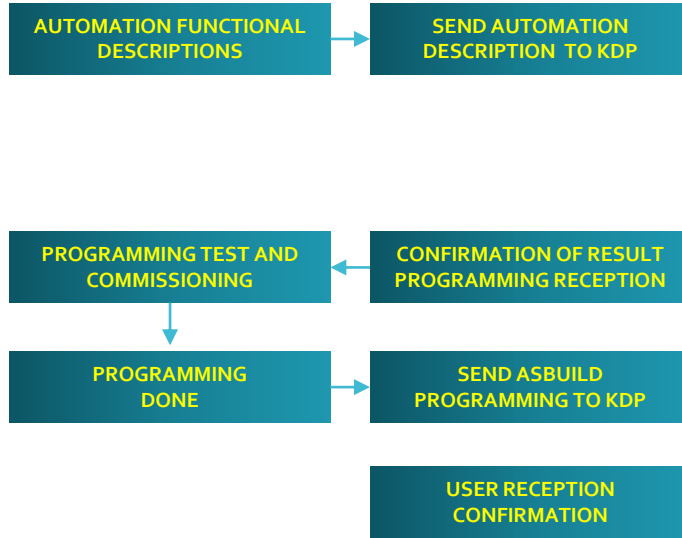


PROGRAMMING SERVICE APPROACH

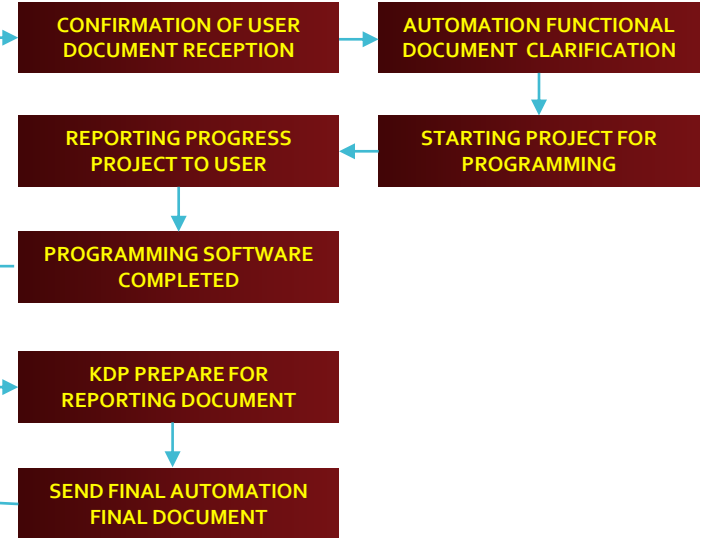
PROGRAMMING SERVICE FOR WATER APPLICATION SYSTEM

Product Category : Automation

Process done by Customer



Process done by KDP



Note : This work sequence is conducted after PO received !!!



PROGRAMMING SERVICE
ORDERING INFORMATION

Product Category : Automation

Ordering Information

D1 / D2 / D3 / D4 / D5

D1 : Product Category

- AP** Automation
- EP** Electrical
- MP** Mechanical

D2 : Request work Category

- 10** Service
- 20** Good

D3 : Controller product family
(State your Controller product family)

D4 : Programming Type
CPL= Ledder programming
CFB=Function Block programming

D5 : Application specification
WP01: Water Management
WP02: Flood Early Warning
WP03: Water reservoir and Dam Control

EXAMPLE: AP / 10 / AB1756/CPL/WP01

Request programming service for water management system using 1756 control Logix processor using ledder programming

Contact :

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