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Aik Mon

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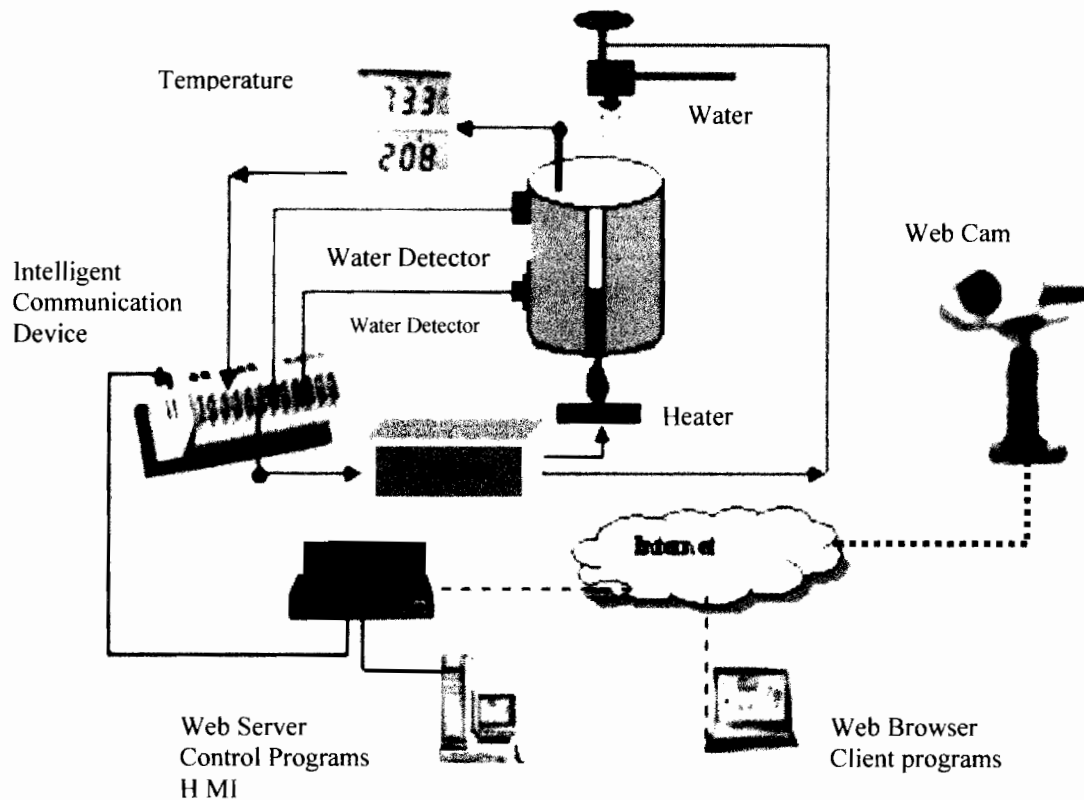
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Internet Control System



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Abstract

“Internet Control System”

by Aik Mon

Devices such as SNAP Brain Ethernet, FieldPoint I/O system, and server in a box, which are used in the Internet Control System, are already the market. The Internet Control System will improve the life of technicians and engineers in the industrial environment. In the past, engineers have had to drive to work place to solve problems on the production floor. The Internet Control System will enable engineers to troubleshoot a machine from home or hotel (if they are on vacation). This report describes the technical design, cost, system integration, and testing for the Internet Control System. The technical design section describes an intelligent device that can read both digital and analog data from the hardware devices (Water Temperature Control System) in real time. The devices can communicate with personal computers using Ethernet. The software (server and client program), which has the user interface tools, including tank displays, thermometers, and graphs that appear as virtual instruments in direct communication with the machine and hardware they are monitoring. A Web page application (server and client script) can search and view data over the Internet.

Keywords: SNAP Brain Ethernet, Water Temperature Control System, Server Program, Client Program, Server Script, and Client Script

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