

Remote Monitoring for agritech industry

"Electrical Technology" Magazine Dec/Jan, 04/05



EDAC 222 autodiallers are a cost effective solution for remote monitoring, controlling and interrogating of applications that can be found in just about every industry: waste water, agriculture, horticulture, viticulture, manufacturing, hospitality and telecommunications. Commonly the dialler is used to monitor temperature, water levels and irrigation equipment.

The EDAC 222 dialler has two trigger inputs and two controlled outputs. When an alarm is triggered the unit will automatically call a list of programmed telephone, cell phone or pager numbers. A user recorded voice or numeric pager message associated with the trigger will then be communicated to the dialled connection.

The dialler has many applications in the agritech industry. Riverland Salmon Farm was one particular farm facing a remote monitoring challenge. A critical variable for the farm manager, Alan Neill is the water level coming into the farm from the head race. If the salmon do not receive sufficient water they will die.

After contacting EDAC Electronics, it was decided that an EDAC 222 was the best solution. By having the unit connected to a float switch in the water, an alarm notification is activated when the water level falls below a critical level. Neill will then divert water within the farm, therefore continuing the correct supply of water.

The benefits of the EDAC 222 dialler for Riverland Salmon Farm are obvious. The unit can save time and money by notifying via telephone and cell phone that the water levels are at a critical level. The dialler provides a very cost-effective means to remotely monitor and control critical applications.

The EDAC 222 dialler is ideal for almost any monitoring or control situation. EDAC Electronics has realised the potential for the product in the agritech industry and already has many products operating in this area. EDAC, a privately owned New Zealand company, specialises in inventing and creating technology solutions that meet the ever-changing needs of modern agricultural requirement.

For more information on the EDAC 222 dialler and other remote monitoring and control products **visit www.edacelectronics.com**