AB Technology choose Mitsubishi for control

AB Technology use Mitsubishi Electric Inverters, PLCs and MX SCADA to automate their food additive manufacturing process (used in the bakery industry) which until recently, was entirely manually controlled.

After seeing the immediate advantages of using the Mitsubishi Electric equipment, AB Technology started activities to automate all their plant and now have around 20 FX and FX2N PLCs on site. These PLCs control a wide range of activities including weighing of ingredients and AB effectively use the FX2Ns integral PID function to control production feed rates.

To give a complete plant overview an MX SCADA system has also been installed and now allows AB Technology to compare activities across all shifts and copy work patterns for maximum efficiency. The new SCADA system has proved very popular with operators who can see at a glance the stage that each production batch has reached.

"The Mitsubishi equipment has proved very easy to integrate... They are also very reliable so once installed, you can just forget them," says AB Technology's Dave Simpson.

"The new automated control has also allowed AB Technology to achieve cost savings by changing parts of their process to be more efficient. Using Mitsubishi A500 inverters has also resulted in significant cost savings on energy, and using an automated system has the benefit of removing any potential operator errors."