

Remote Management of Barcode Printers

Need:

Arkios, a system integration company, had to automate 4 packing lines of fine fruits from the Berries del Plata exporting company. The need involved the remote management, a barcode printer and two pushbuttons indicating "alta de caja" and "close pallet".



Equipments



EXEMYS -SSE232-IA

Solution:

The barcode printers used had a RS232 serial port and also the packing plant had an Ethernet network. Given the previous conditions and also the need to read two digital inputs, a decision was made to use the 2-port Exemys SSE232-IA converter with digital inputs/outputs.

On one side the barcode printer was connected to two digital inputs of the same converter. Finally, the Ethernet port was connected to the LAN at the plant. This previous arrangement was repeated for each one of the packing lines.

Arkios software department, developed an application software to manage the printers, and the inputs to the pushbuttons, using directly a TCP/IP communications port of their LAN.

