

Application: Industrial Audio Paging System

Objective: Reducing downtime by improved audio communications.

Client: Automotive parts supplier, with over 30 work cells providing Roll Mill, Spot Welding, Robotic Welding and Press functions.

Requirement: Provide Audio announcements from the Work Cells for requests of skilled trades, through the plant wide paging system.

Data Flow: The Work Cell pages are read, using Ethernet communications, from an AB ControlLogix PLC. The ControlLogix PLC is communicating to the work cell PLCs, as a data concentrator, to signal the Operator request for skilled trades.

Implementation: The application was developed on a Windows CE Panel PC, Communications through the Ethernet port to the ControlLogix PLC. The Pages were played through the plant wide paging system from the Windows CE Panel PC Audio out connection.

This system was an addition to the Industrial Visual Communication System.