



Application Objective

A manufacturer wanted to integrate batching scales with their manufacturing control system. Five permanently mounted and three portable systems were used within their facility. The purpose was to monitor and control processes through an integrated system solution.

Solution

A MSI-9000 CellScale was interfaced to each weighing system, all communicating with a final MSI-9000 CellScale that was connected to the customer's PLC. The five fixed systems were interfaced to one

CellScale through an MSI-9008 Multiplexer. The three portable systems were each hard wired to an individual CellScale offering a small remote display.

Features and Benefits

The MSI-9008 expands a single CellScale channel input to enable one CellScale to be used with all five permanently mounted batching systems; reducing the system cost. Weighing systems of any type, capacity and resolution can be mixed due to the truly independent calibration capability of the MSI-9000 CellScale. On the three portable systems,

the two programmable pushbutton inputs (standard on CellScale) were programed for Power On/Off and Zero controls. The remote displays were wired directly to the CellScale Comm Port (via RS-232). CellScale's advanced RF technology provided a seamless interface for each floor scale to communicate with the customer's PLC regardless of location within the facility.

Contact MSI now for more information on CellScale Network Solutions and/or to arrange an application review and proposal.