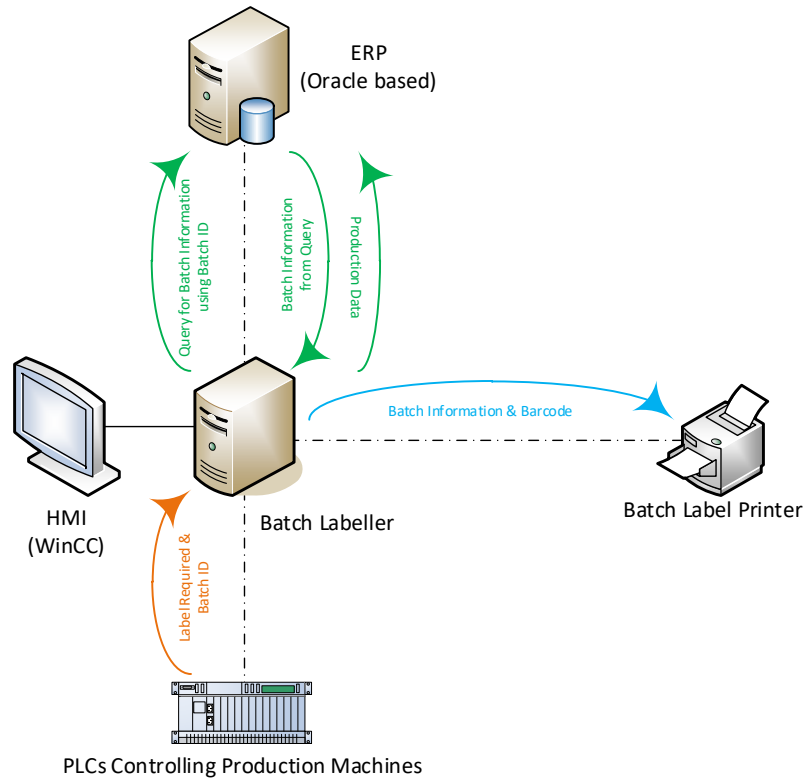# Intelligent Information: Batch Label Printing Solution

Batch Label Printing Schematic

Overview

The Batch Labeller solution monitors the production PLCs to determine when a product is approaching the batch label printer. When this is detected the ERP system is queried to obtain the required batch information for the label.

When the PLCs indicated the product was in labelling position the label information was sent to the automatic label printer which printed and attached the label to the product.

In addition, production data is sent to the ERP system for production planning and reporting.

Main Features

➢ Batch Labeller based on widely available hardware / operating system software with a minimum of user-configuration

➢ User-Friendly HMI system configured as the operations' interface

➢ Communication links to both the PLCs and ERP system regularly monitored to give early warning of a loss of communication

➢ Label printing could be run in one of three modes: fully automatic, semi-automatic and manual allowing operations staff full control to change the label contents, if required

➢ Diagnostics pages for fault finding

➢ Alarms / warnings / errors displayed locally and emailed to support teams