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## Overview

PLATCON were contracted by a food manufacturer to design a system that could be used to carry out real-time process measurements of biscuits exiting their process ovens.

A successful initial trial was completed as below, following analysis of the trial PLATCON were asked to install the same system on every production line at their facility.

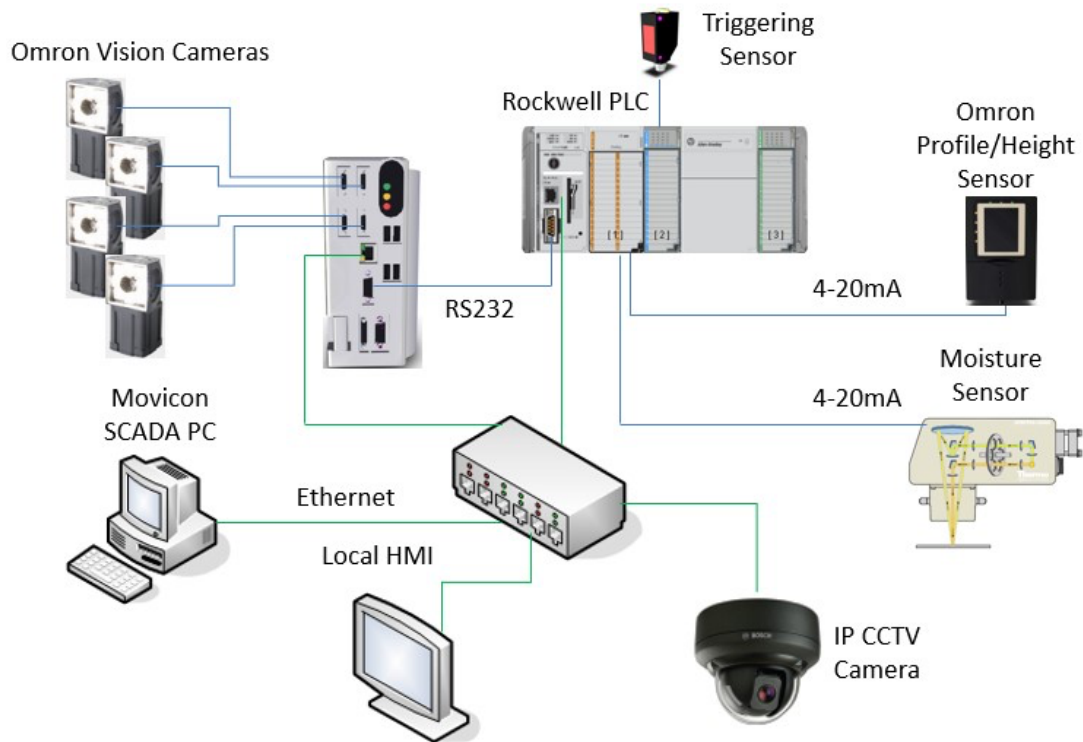
This involved designing a control room to house the SCADA system with 6 OFF 43" monitors along with 9 control panels housing Rockwell Automation PLC control systems and Omron vision and height measurement systems.

### Process Variables to Be Monitored

The following process variables that were being monitored at the oven exit conveyor:

- Moisture (2.0 – 2.7%)
- Colour (Tolerances to be Confirmed)
- Height (7.0 – 8.6mm)
- Length (73 – 76mm)
- Width (8.6 – 10.2mm)

## Current Hardware Set Up On Line 2



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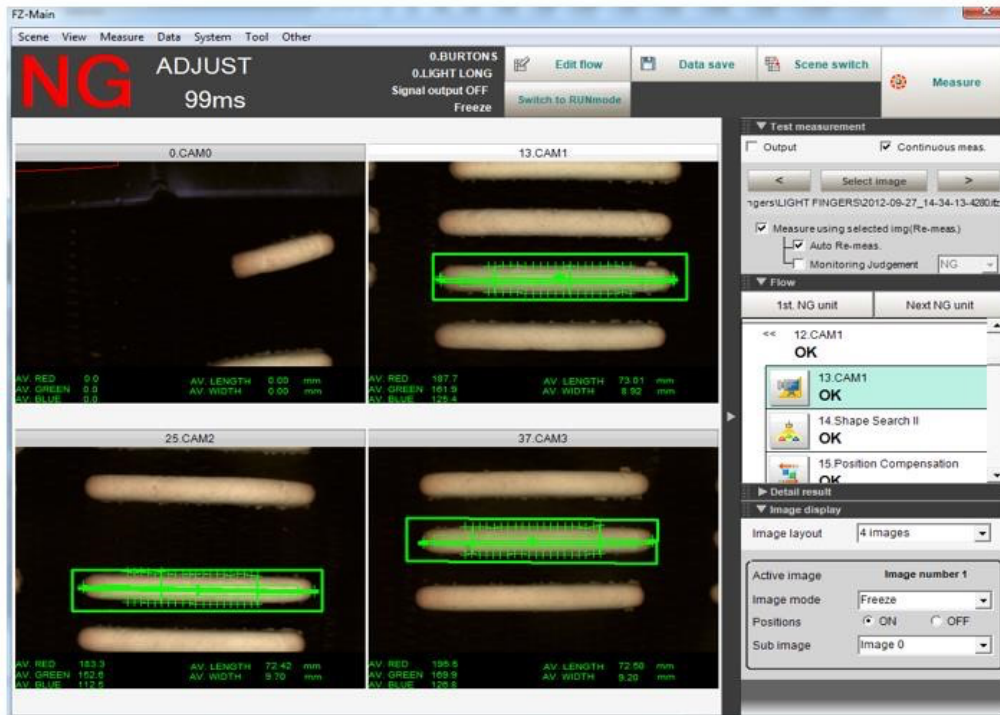


PLATCON Ltd.

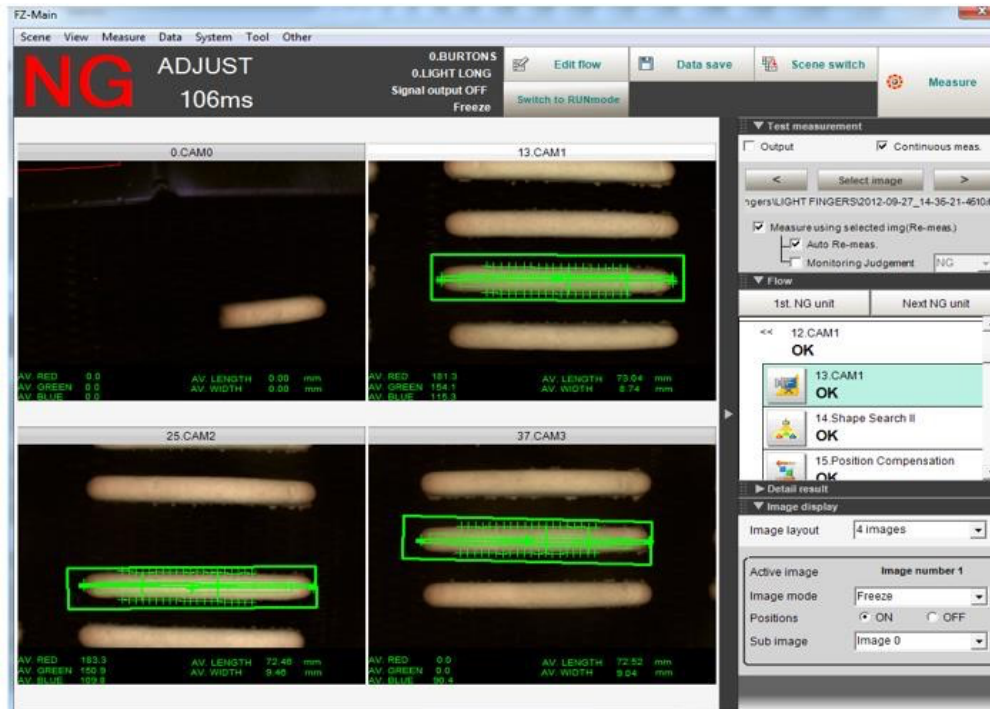
Company Registration Number: 07185666

VAT Registration Number: 989 1649 50

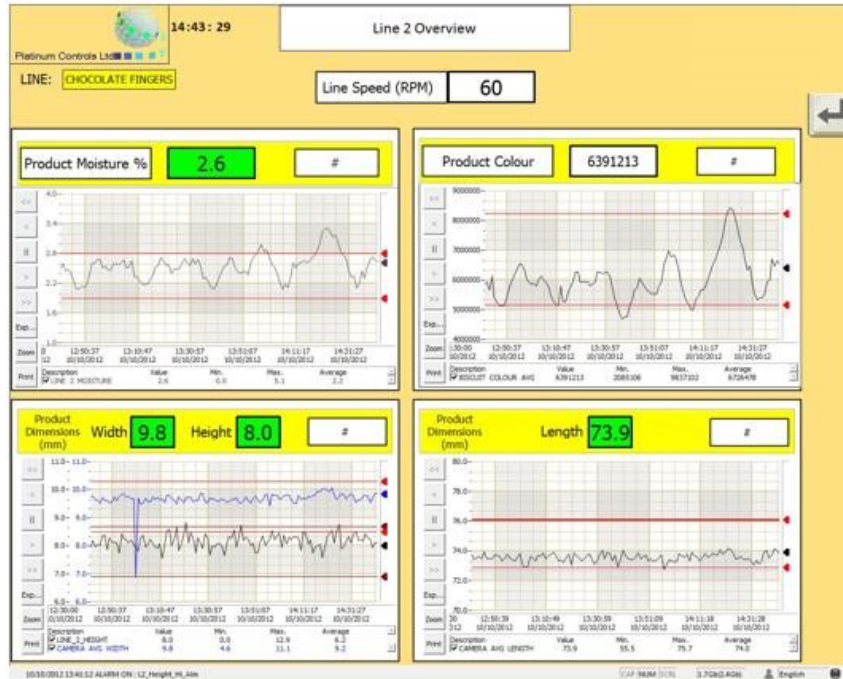
# Omron Vision System Image



# Omron Vision System Image



# Line 2 Overview Screenshot



# Line 2 Vision Screenshot

