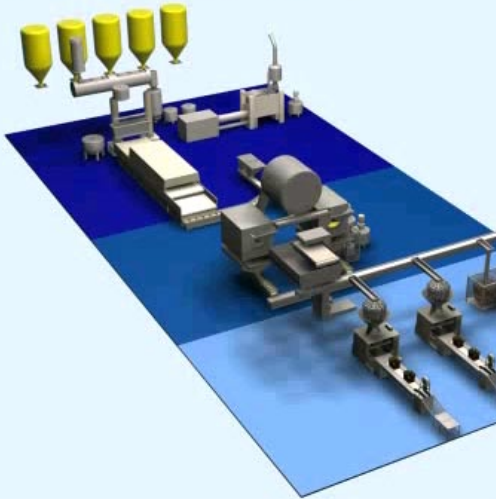


Dynamic Poppet line simulation for Fox's Intuitive product to boost productivity



TO EXCITE & DELIGHT CUSTOMERS THROUGH QUALITY, INNOVATION & SERVICE



Introduction

Line operators within Fox's Confectionery are being trained using a bespoke offline simulator produced by Symbiosis.

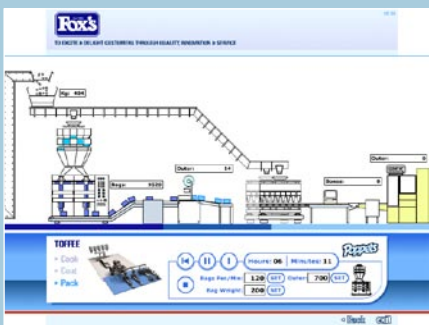
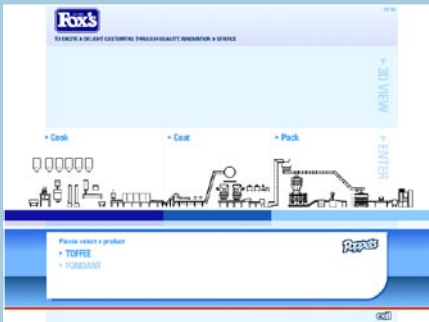
The simulator was produced to support the installation and commissioning of a new continuous production line for the Poppets brand.

Without the availability of a fully operational line, the complexity, importance and implication of efficient operating practices and the dynamics of the line were proving difficult to explain.

Features

The stand-alone Flash module provides a visual 3D overview of the complete production line before allowing selection of the appropriate product. A 2D illustration of the line provides detail and replicates the start up, production, shut down and cleaning cycles. The simulator allowed :-

- An appreciation of the timing and sequencing patterns between the different machine groups
- The clear representation of the time lag between initiating shut-down or start-up procedures
- The ability to select individual machines, to modify the packing rate/weight and to view the effect on production time/efficiency and wasted product.



Benefits

The data entry capabilities of the simulator allowed for remote tuning and testing of the timings, weights and production rates across all machine types – the end result being a reduction in the time required for commissioning. Additional benefits included the ability to :-

- Explain the dynamics of the line
- Demonstrate the benefits of running at optimum efficiency
- Show the importance of adherence to shift patterns and break periods

Technology

Macromedia Flash MX