

CASE STUDY

INDUSTRY & PROCESSING - FACTORY MONITORING



International Bakery Company

Business Challenge:
Automate metering & process data collection

Products:
AM&T, Displays – Visible Factory Approach

- Savings & Benefits:**
- Immediate understanding of equipment consumption
 - Fully automated data collection & dashboard display
 - **15-20% energy & waste reduction savings identified**
 - Significantly staff buy-in and engagement with the programme



THE CHALLENGE:

- Large & complex food factory – significant amounts of processing equipment & complex access issues
- No automation of process data collection
- High energy consumption; significant legacy maintenance issues
- Consulting-led approach; Programme managed for Client
- Full energy analysis performed, including baseline metering
- Wide-ranging series of interventions recommended, AM&T driven

THE SOLUTION:

- Process line, gas, water, electricity, air in multiple locations – virtual BMS
- Inbound silo's automated fill rate, ordering with supplier & display
- Full HACCP monitoring of fridge & freezer temperatures
- DAF effluent plant condition monitoring & reporting
- Several display screens in critical areas of processing plant
- Realtime Online dashboard and display screens used by numerous staff
- Ongoing analysis & refinement to inform further reduction interventions



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