

Project Profile

Food & Beverage

Industrial Automated Systems successfully completed a project for a major bakery, overhauling the control system of a aging cartoner machine. Outdated ElectroCraft IQ2000 servo controllers and the Rockwell Automation 1305 AC Drive were replaced with advanced, more durable technology.

The IAS team optimized the existing Rockwell Automation PLC and introduced a CompactLogix PLC to manage motion profiles. They seamlessly integrated Rockwell Automation Kinetix servo drives with Baldor motors and cables, alongside a Rockwell Automation PowerFlex 755 AC Drive for the primary drive.

An IAS engineer meticulously crafted and fine-tuned the PLC program and drive parameters, while also adapting the existing PanelView application to align with the upgraded system. They generated new schematics and panel layouts, and constructed a NEMA 4X enclosure. Rigorous testing was conducted prior to shipping, with the system upgrade executed on-site at the customer's facility.

The project was finalized with startup, commissioning, and delivery of a comprehensive documentation package.



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