

# Major Food & Beverage Manufacturer Required a System Health Check and Implemented Remediation Activities

MAVERICK was recently called in to evaluate the overall health of a control system consisting of ControlLogix processors and an RSViewSE HMI application.



## Main Objective

MAVERICK's objective was to perform a system health check in a Corn Wetmilling facility. The health check consisted of an assessment of the current system's condition and recommendations for corrective actions to improve system performance and overall reliability.

## Customer Results

The customer reported that the system performance appeared to be degrading over time and that the HMI had become very sluggish. The HMI was also beginning to display occasional errors that were unexplainable by plant technicians. MAVERICK's assessment exceeded the customer's expectations. The MAVERICK team determined that various issues were contributing to the situation causing the unwanted symptoms reported.

## Application Description

- MAVERICK's objective was to determine the current health condition of the control system application to ascertain the root of the problems observed on site and to issue a detailed report consisting of recommendations and corrective actions.
- The control system consisted of ControlLogix processors and an RSViewSE HMI application in a Corn Wetmilling facility.
- The MAVERICK team used the system's event log to determine issues with software and/or application. In one instance, for example, the event log contained errors stemming from onsite changes made throughout the past year.
- MAVERICK experts collaborated on a plan to repair the various errors within the system and upgrade the software and firmware to the latest versions.
- A structured plan was developed and issued to the customer for assessment and eventual implementation. The plan limited process interruptions while quickly addressing the most influential deficiencies first.

## The MAVERICK Difference

MAVERICK's experts were able to quickly and efficiently identify the issues surrounding the customer's control system. By upgrading and repairing software, system health was improved and process efficiency was restored to normal.