

# Panel Modernization Assessment Report

Generated by Craft Automation Panel Upgrade vs Replace Advisor

Assessment Date: 2/9/2026

## RECOMMENDED STRATEGY

### RECOMMENDED PATH: PROGRAMMING ENHANCEMENT

Your hardware platform is modern and capable. Strategic programming upgrades will unlock significant performance improvements and new capabilities.

## ASSESSMENT DETAILS

<b>Industry:</b>	Food & Beverage	<b>NFPA 70B Docs:</b>	Complete
<b>PLC Brand:</b>	Siemens	<b>Programming Docs:</b>	Complete
<b>PLC Status:</b>	Modern	<b>Programming Complexity:</b>	Advanced
<b>Primary Concern:</b>	Obsolescence	<b>Remote Access:</b>	Data Logging

## SELECTED UPGRADE GOALS

- Remote Monitoring

# COMPREHENSIVE ASSESSMENT REPORT

## COMPREHENSIVE ASSESSMENT REPORT

*This assessment reflects the same criteria discussed in our monthly Inside the Panel series—focusing on risk, uptime, and return on modernization investment.*

### Technical Strategy:

Based on your inputs for Food & Beverage operations with Siemens Modern hardware and Advanced programming complexity, Logic optimization, advanced diagnostic implementation, enhanced alarm management, and feature expansion within your existing robust platform.

### Industry Considerations:

For Food & Beverage applications with your current system configuration, Special considerations for food production environments including FDA compliance, precise temperature control validation, batch tracking, and HACCP documentation integration.

### Expected Benefits:

- 15-25% improvement in cycle times through optimized logic
- Predictive maintenance capabilities reducing unplanned downtime
- Enhanced operator interface features and usability
- Improved data logging and reporting functionality
- Better integration with plant-wide systems and databases
- Advanced diagnostic and troubleshooting tools

### Implementation Plan:

1. Current program analysis and optimization opportunities
2. Feature enhancement planning and prioritization
3. Testing protocol development for new functionality

#### 4. Documentation update and operator training

##### Requirement Assessment:

- Minimal - leveraging existing stable platform

##### RECOMMENDED NEXT ACTION:

**Download this assessment report as a PDF and share it with our engineering team using the form below. Our team will provide a comprehensive consultation and detailed project plan based on your specific requirements.**

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