

## NEW EYE CARE S88 BATCH EFFICIENT CONTROLS & INFORMATION MANAGEMENT



**Malisko Engineering, Inc** (MEI) was asked, to provide a New Control & Information Management System to:

- Ensure the Highest Product Quality & Consistency,
- Low-Cost Manufacturing,
- Provide Interface to an MES System,
- Worldwide leading manufacturer of Eye Care Products.

### **GOALS:**

- Increase Capacity to Manufacture High Demand Eye Care Products,
- Reduce Variability Due to Manual Intervention,
- Tie in all Plant Floor Operations with Management Execution System,
- Validated System per FDA Regulations.

**Malisko Engineering, Inc** was involved in design, programming, testing, validation, and production support.

### **ENGINEERING TASKS AND SERVICES:**

- System Built from the “Ground Up” according to Manufacturer’s Specifications,
- Created Functional Requirement Specifications Document,
- Developed Detailed Design Documents & Description of Operations including Tracking, Alarming, Reporting and Historical Data Archiving,

- ALL Programming – ANSI/ISA S88.01 Batch System Standards, PLC’s, PCs, File Servers, HMI’s, Remote Operator Terminals, Networking with Multiple SCADA Servers & Clients,
- Configured and Implemented Data Archiving Server,
- Process Data Archived to OSI Software’s PI Data Archiving,
- Configured Oracle for use in Archiving Batch Data, SCADA Alarms and SCADA Event Messages,
- Reporting Using Seagate Crystal Reports, Accessing Data from Oracle and OSI PI,
- Provided all Instrumentation Loop Sheet Drawings,
- Created User Manuals for System Components,
- Performed ALL Equipment Checkout,
- On-Site Validation and System Start-Up Support,
- 24-Hour Production Support After Start-Up and Continuing Support,
- Operator and Maintenance Training.

### **PROJECT SUCCESSES:**

- Involved many Stakeholders in the Design from the Beginning which allowed for Hands on Organization and a Much Higher Success Rate than Previously ever Achieved on Similar Projects.
- Project Met Production & Management’s Needs.

### **For More Information, please contact:**

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