

DIGITAL MANUFACTURING

**INTEGRATION
SERVICES**

Transform Your Factory with RedViking Digital
Manufacturing and Design Technology



734.259.7805



GLOBAL DEPLOYMENT

RedViking has the proven ability to globally deploy and support complex MES systems. This type of enterprise-wide implementation includes connecting and obtaining data from a large number of stations through the plant.



EXPERIENCED TEAM

RedViking's expert systems integrators have over 35 years of experience



DIFFERENT FRAMEWORKS

During our long history, RedViking has launched COTS systems, including Ignition and FactoryTalk, homegrown systems, as well as custom solutions, including our Argonaut® platform.



IN-HOUSE CONTROLS DESIGN

RedViking has the capability in-house to quickly design, procure, and build standardized elements of any system integration from operator stations to pick lights to power distribution and control systems.

EXPERTS AT COMPLEX MES SYSTEMS

RedViking's expert systems integrators have over 35 years of experience designing and implementing information management strategies for large and small enterprises all over the globe.



Our experienced team of engineers and technicians are dedicated to supporting your MES solution from conceptualization, design, build, and implementation all the way to post-launch support. This life cycle support can help manage your risk in moving toward Industry 4.0 by making the process faster and more efficient.

**CUSTOMER
SUCCESS STORY**

IBM Visual Inspector Project

Think Bigger. Think Better. Think Bolder.



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THE CHALLENGE

One of the world's largest auto manufactures required a cost-effective, easy to deploy solution for identifying quality and/or process issues during manufacturing.

The goal was to be able to analyze issues and determine long-term corrective actions to improve quality and reduce downtime for repairs.

- Have a means to analyze reoccurring process and quality issues in real-time to determine long-term corrective actions.
- Ensure Operators are getting sufficient training for their required operations.
- Ensure manufacturing stations and workflows are optimized.
- Ensure capital is spent and invested appropriately.
- Reduce downtime incurred while repairing quality and/or process issues.

THE REDVIKING SOLUTION

Off the shelf, Consumer-Type Hardware: Cost-effective and easily sourced

IBM Visual Inspector Software Platform: Transform an iPhone into a powerful AI Vision System

Cloud-Based Server: Collect and store data of the plants existing manufacturing rework

Webpage GUI: Configure, view, and analyze data in real-time

Wireless Technology: Tap into the existing wireless network for seamless integration

Software Services: Integrate into your plant existing manufacturing systems for identifying what to inspect and containing failed inspections

Customizable Features: Ability to tailor the system to meet your plant needs

OUTCOME



An easy to deploy and maintainable solution for identifying quality by plant personnel



A powerful, Mobile Vision System



Operator issues uncovered and addressed

BENEFITS

Improved Overall Quality

Improved FTT Reporting

Improved Productivity

Reduced Overall Downtime

More Effective Operator Training

Improved OEE