

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.

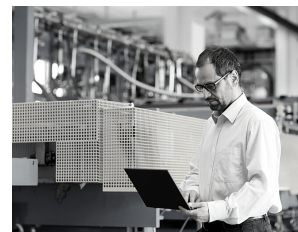


## IN-HOUSE CONTROLS DESIGN

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

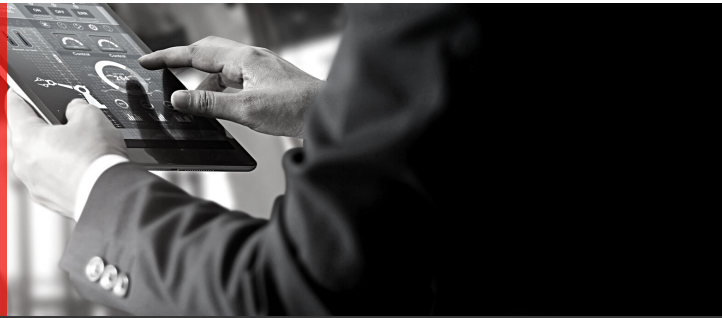
RedViking's expert systems integrators have over 35 years of experience designing and implementing information management strategies for large and small enterprises all over the globe.



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

### Factory Information Systems



Think Bigger. Think Better. Think Bolder.



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### THE CHALLENGE

One of the world's largest automotive manufacturers required better insight into their manufacturing process. This included the ability to monitor manufacturing productivity and downtime in real-time and the ability to track historically over time. Their ultimate goal was to improve vehicle quality and FTT through better data.

The customer's manufacturing reporting relied on using manual data input from paper logs. This process caused delays in root cause analysis and reduced FTT.

Automotive manufacturing is a fast-paced, high-demand environment. Seconds of downtime may equal thousands of dollars in lost production. Manufacturing Execution Solutions must be integrated and maintained in ways that have zero impact on production.

Manufacturing Execution Solutions interact with many different personnel groups that each require unique data and functionality.

### THE REDVIKING SOLUTION

- **Streamlined data collection** - Plant floor devices programmed to collect real-time data sent to MES database
- **Real-time display** - Critical manufacturing data immediately available across the entire enterprise
- **Downtime and production paging-** Configurable production paging alerts draw attention to KPI metrics
- **Management Andon boards** - Provide high visibility on the plant floor
- **Historical reporting** - Trended data available for analysis and response
- **Preventative and predictive maintenance** - data collected is shared with the plant's maintenance system to automatically generate work orders.

### THE BENEFITS

Improved FTT	Real Time Production Visibility	Data Integrity
Critical KPI Reporting	Automated Work Order Generation	Improved Response Time

*We have seen a 25% increase in FTT over the past year. With the integration of our manufacturing processes into FIS we are able to see in real-time our bottlenecks and address the issues as they arise.*

*-Brian B. (Large Auto Supplier)*