

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

Ignition Case Study

Think Bigger. Think Better. Think Bolder.



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THE CHALLENGE

A Tier 1 automotive powertrain supplier was competing for a new product launch with strict compliance requirements for data collections, validation, and automated integration with downstream OEM systems. The customer had existing MES solutions which were collecting data, but were not capable of meeting the compliance requirements of the new line.

First, existing systems were frequently found to be bypassed or collecting incorrect data because there was not a required final shipment interlock. Secondly, there was no path to complete the automated integration from the assembly line to the OEM's systems without major rework.

THE REDVIKING SOLUTION

- **Serialization of Each Part**
- **Track and Trace** to log part numbers and stations in real-time.
- **Logging Specific Assembly Parameter Data** (forces, distances, cal data, etc.)
- **Gate Checking of Assembly Parameter Data** when marrying parts (verification of passing all parameter checks)
- **Ability to Track** reintroduced parts or reworked parts
- **Recipe Creation / Editing**
- **Model Number Creation / Editing**

THE BENEFITS

Improved
Productivity

Greater Uptime

Real-time Production
Visibility

Improved OEE

Ability to Track
New Parts & Reruns

Ability to Modify
Recipe Data

Improved Part
Tracking & Tracing