



Transforming Reliability from a Maintenance Process to a Business Strategy

Vinson Process Controls - Reliability Solutions Monitor and Optimize Assets in Real-Time

Reliability solutions are intended to deliver increased equipment run time and capacity levels, lower maintenance costs, and reduce safety/environmental incidents. Unfortunately, one industry source reports that 70% of reliability initiatives fail to deliver expected results. With today's challenges, you need one place to turn to for technology and expertise. Vinson Process Controls offers solutions that integrate with your existing operations to meet current demands and achieve your business objectives.

Vinson's Reliability Solutions Group of experts apply proven methodologies, tools and best practices from a wide range of industries to help launch or improve an existing reliability program. Working as both a business advisor and an implementation service, our team efficiently delivers performance improvement that best meets your budget and is convenient to your operation.

For 80 years, Vinson has partnered with customers providing tailored, innovative, comprehensive solutions of products, services, training and consulting. Our team realizes the correct response for today and two years from now may be significantly different, therefore we carefully consider fluctuating industry variables. Rely on Vinson's experience to customize a strategy to expedite your immediate needs, while planning for your long-term goals.

Field-Proven Monitoring Technologies

When you are constantly reacting to unexpected equipment failures, adding predictive technologies to your maintenance program is a game-changer. Vinson offers solutions that deliver prediction and protection for all your assets to help improve asset longevity and eliminate downtime.

- Continuous Monitoring
- Wireless Vibration
- AMS Machinery Manager
- Sensors
- Portable Technologies
- Vibration Transmitters
- Laser Alignment
- Certification Training



Predictive Services - Maximize Reliability

Vinson's Reliability Solutions Group provides a thorough portfolio of strategic predictive services, technologies and software that analyze and monitor your equipment producing optimal health and plant performance.

- Route-based services: weekly, monthly or quarterly
- Call-out or on-demand services for training and analysis
- Mentoring your in house team on technology utilization
- Augmenting your staff when and how you need it
- Remote data analysis or mentoring support
- Vibration Analysis
- Infrared Thermography
- Ultrasonics
- On-Site Balancing
- Oil Analysis
- Acceptance Testing
- Machinery Troubleshooting
- Laser Alignment

Reliability Consulting Starts And Keeps You On The Right Path

We understand that reliability, when done correctly, is not simply a maintenance philosophy — it’s a long-term business strategy that produces a bottom line impact. Vinson methodically evaluates and reviews your existing reliability procedures and then formulates a specific plan to improve your operations. This holistic approach of consulting services allows our team to define your “Current State,” and recommend a custom strategy ensuring you to achieve optimum desired outcomes for your “Future State.”

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1. Clean Your Data House

Invest in a robust data foundation that includes asset master data, failure codes and maintenance procedures.

2. Step Up Your Information

Top quartile performers are leveraging process-parameter data to get deeper insight into the health of their assets. Putting these two together in a robust dashboard view, provides the complete picture of asset health.

3. Put it all Together to Create Knowledge

Realizing what is good, normal or what needs attention is critical to your reliability program. That knowledge comes from the union of data, information and experience.

4. Take the Right Actions at the Right Time

Top quartile performers require their operations team and supply chain be involved to minimize disruption, labor and parts costs.

Make the cultural shift in reliability to improve bottom line results.

Critical Core Competencies Components of Consulting

Maintenance & Reliability Consulting

- Maintenance & Reliability Training and Mentoring
- Business Transformation
- Business Process Design
- Organization Design
- Program Management

Reliability Engineering

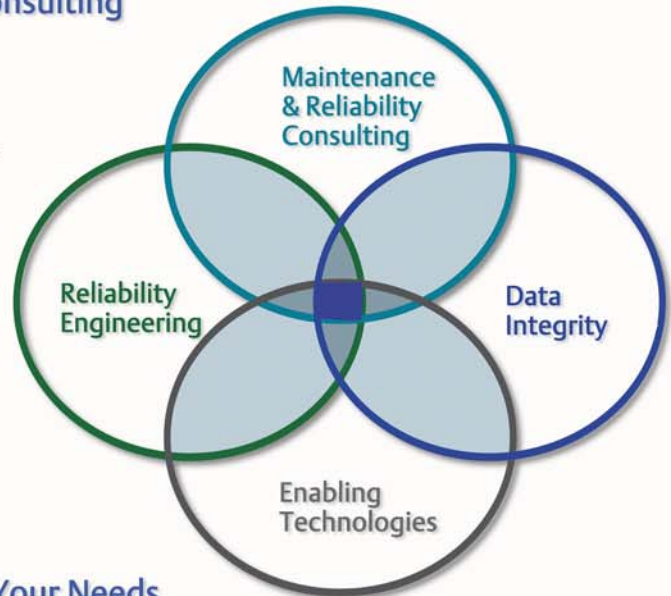
- Program Standardization
- Criticality Analysis
- RCM/FMEA
- PdM Application

Data Integrity

- Taxonomy
- Asset Records
- Bills-of-Material
- Standardized Content

Enabling Technologies

- PdM Products & Services— Vib, IR, US, Oil & MCE
- AMS Suite: Integrated Monitoring & Analytics
- Wireless Monitoring



Personnel, Expertise, and Products to Handle Your Needs

Vinson is the exclusive representative for products designed and manufactured by Emerson Process Management and other quality manufacturers. Our team sells and services a variety of products to custom tailored engineered solutions, including product and solution lifecycle support services.



Contact us to Discuss Your Reliability Solutions Strategy

Request to speak to our Reliability Solutions team
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