

## RISK AND RELIABILITY

# RELIABILITY SERVICES

### *Additive value through collaborative effort*

Achieving a high level of reliability is a team effort owned by the entire organization. We work closely with our client-partners to develop and implement a plan which establishes a world-class, reliability-focused organization.

### Our Approach

Our services are rooted in our Asset Management Framework developed using the ISO55000 standard, industry best practices and the vast experience of our team members. Our proven methodologies accelerate the implementation of repeatable processes within your organization.

### Our Experience

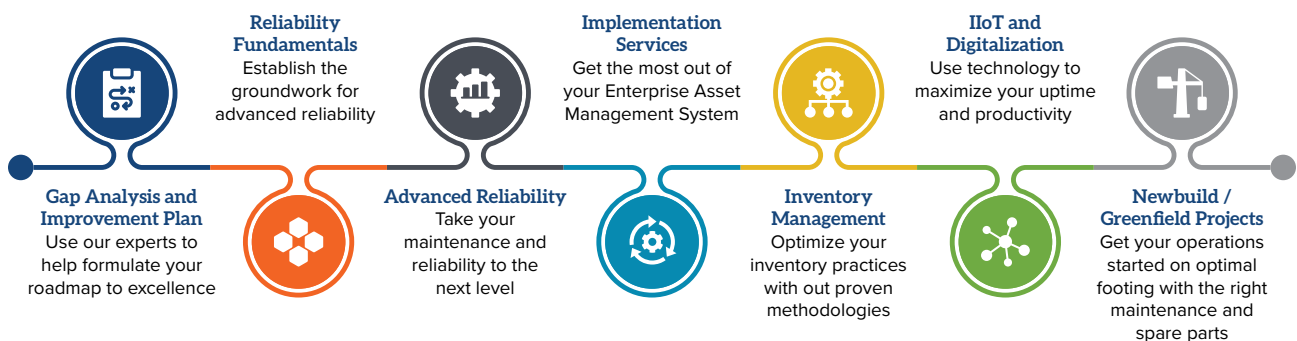
Our reliability team consists of specialists with decades of experience and expertise in their field who harbor a dedication to our client's success. Our team is empowered to nurture and develop your internal resources during the facilitation of our improvement efforts.

We are aimed at identifying and then eliminating or mitigating the risks associated with the assets responsible for producing value in your organization. Through these efforts we will help realize additional value from your assets while you establish a competitive advantage over your industry peers.



### How We Help

For over 20 years, ABS Group has been a market leader in asset reliability, maintenance and management. As one of the largest, most capable EAM service providers in North America, we help every size organization develop, implement and sustain intelligent asset strategies to improve efficiency, manage risk and promote operational excellence.



We utilize a risk-based approach to asset management focused on providing clients with higher reliability and lower maintenance costs. We couple this with a CMMS implementation and integration service to support continuous improvement and optimized performance.

## Services at a Glance

### Maintenance and Reliability

#### Reliability Engineering

- Asset Criticality Ranking
- Bad Actor Analysis
- Critical Spare Part Identification
- Failure Code Development
- Failure Modes and Effects Analysis
- Lubrication Program Development
- Reliability Centered Maintenance
- Maintenance Task Analysis
- Root Cause Failure Analysis
- Staff Augmentation

#### Instrument Calibration

#### Maintenance Engineering

- KPIs and Metrics Development
- Work Management Processes

#### MRO Inventory Management

- BoM Development
- Establish stocking levels
- Warehouse design

#### Outage Planning and Scheduling

#### Planning and Scheduling Staff Augmentation

### Strategy and Process

#### ISO55000 Asset Management Standard

- Program Development

#### Business Process Review

- Asset Management Assessment
- Asset Management GAP Analysis
- Asset Management Master Planning

#### FDA Compliance

- Compliance-focused Asset Management

#### Assessment

- FDA 483 Remediation

#### Management Reporting

- Key Performance Indicator

#### Development

- Report Design and Development

### Systems and Technology

#### IIoT and Data Analytics

- Machine Learning
- Program Development
- Process Support

#### Asset Setup

- Asset Hierarchy Development
- Data Collection and Standardization
- EAM System Population

#### CMMS and EAM System Implementation, Application Installation and Configuration

- CMMS Source Selection
- Data Migration
- IBM Maximo Consulting
- Infor EAM Consulting
- Licensing
- Module Implementation
- Product Support
- Project Management
- Staff Augmentation
- System Implementations and Upgrades
- Training

ABS Group has performed hundreds of projects worldwide supporting power, oil and gas, utilities, life sciences, LNG and maritime assets delivering reliability services, asset integrity management, and other risk and process safety programs and services.

## Contact our Experts