

About

Strategic Maintenance Solutions, Inc. (SMS) is a trusted advisor and global leader in the implementation, validation, enhancement, and optimization of Enterprise Asset Management (EAM) systems.

Let us help you positively impact your business through consulting, design, implementation, and integration.

Benefits

- ▶ Reduce Safety Risks
- ▶ Reduce Downtime Events
- ▶ Reduce Quality Related Defects
- ▶ Reduce Troubleshooting Time
- ▶ Extend The Life of Replacements
- ▶ Operational Visibility
- ▶ Eliminating downtime cost to replace reducer or teach robot during production shift
- ▶ Grease Sample Data Integration
- ▶ Work Order Notif. Integration



6IX for Robot Signature Analysis (RSA)

SMS's 6IX for RSA (Robotic Signature Analysis) is an advanced vibration monitoring solution for industrial robots. 6IX for RSA utilizes an industry-proven method for monitoring reducer joint and servo motor health on robots, ensuring accurate and predictive notifications of impending functional failures. With advanced alerting up to several months before failure, 6IX for RSA ensures opportunities for advanced planning and scheduling of maintenance and repairs, reducing safety risks and unnecessary asset rework.

How It Works:

1. SMS's 6IX for RSA is a subscription-based condition monitoring solution for industrial robots.
2. Wireless vibration sensors are installed on critical reducer joint locations, providing 24/7 data collection, monitoring and analysis.
3. 24/7 data analysis and maintenance recommendations are presented in SMS's 6IX user interface, backed by subject matter experts in the maintenance and operation of industrial robots.

Additional Benefits & Features

- ▶ Reduced troubleshooting time needed to determine electrical or mechanical failure
- ▶ Early grease replenishment can extend reducer joint lifespan
- ▶ Reduce unnecessary downtime related to robot touch-up teaching during production
- ▶ Allows for optimization and management of critical spare parts inventory
- ▶ Self-Monitoring of System Health (Gateways, Sensors, and Connectivity Status)
- ▶ Facility Specific Dashboard Views (Plant, Cell, Station, Robot, etc.)
- ▶ Search and Investigate locations, robots, and anomalies