



**VERICO**

## **CAPABILITY STATEMENT**

# **VIBRATING SCREEN AND FEEDER, RELIABILITY AND PERFORMANCE MANAGEMENT SYSTEM**



Focussing on mining, power generation, manufacturing and associated heavy industry sectors, Verico works with our customers to provide highly effective precision maintenance, testing and analysis services. We maximise personnel and equipment safety, asset availability and production output while lowering maintenance costs throughout the life of your equipment.

## **TYPICAL APPLICATIONS**

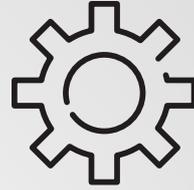
Due to the environment vibrating screens and feeders operate, they can often experience fatigue and cause bottle necks in production. By continually monitoring various parameters such as temperature, stroke, acceleration, orbit path, phase and resonance, Verico's reliability performance management system protects the structure and its components while simultaneously ensuring your equipment is operating for maximum product output.

Verico's screen condition monitoring and performance management system also ensures early detection of damage, cracking and exciter related defects allowing focused, condition-based maintenance of the machine. The real-time monitoring of critical variables delivers additional peace of mind, which ensures the machine is both energy-efficient and operating at nameplate capacity.

This new system is specifically designed and engineered for use on vibrating equipment, which sets it apart from generic and less reliable vibration monitoring systems.



# VIBRATING SCREEN AND FEEDER, RELIABILITY AND PERFORMANCE MANAGEMENT SYSTEM



## BENEFITS

Suitable for use on vibrating screens, vibrating feeders and their exciters, the system facilitates remote, 24/7 online screen condition and performance monitoring.

This also includes:

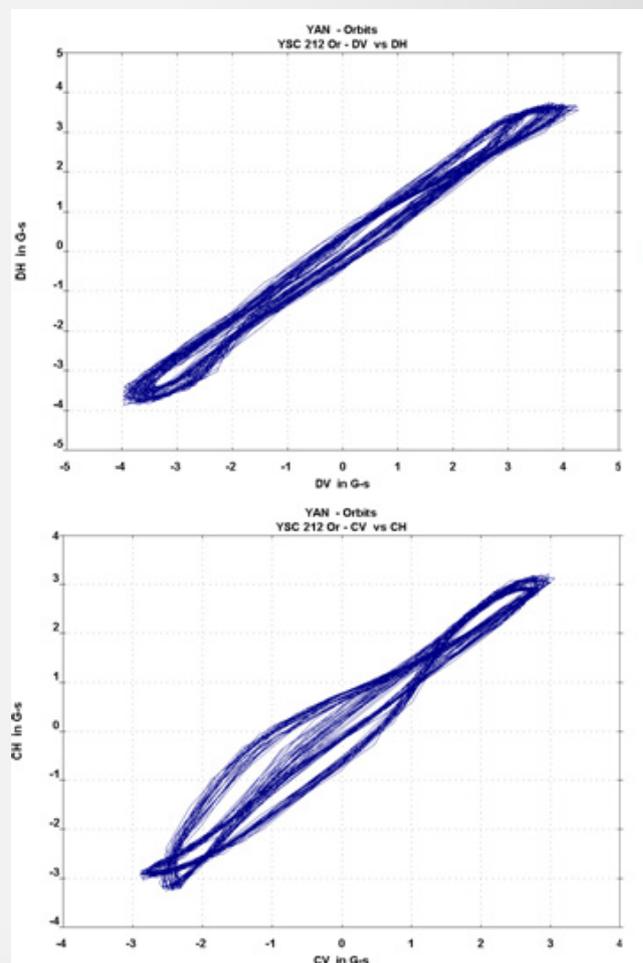
- Automated interpretation of condition and performance parameters
- Email/SMS alerts notifying of defects and undesirable operating conditions
- Operation deflection shape animations
- Monitoring of correct machine stroke, throw and acceleration
- Robust design of all parts to withstand constant vibratory movement
- Eliminates the need for any local, routine vibration monitoring
- Reduced human interaction with operating equipment
- Quick and easy retrofitting
- Minimal cabling required
- Integration with client data historian
- Complete modular system requiring only 240V AC or 24V DC supply

Note: System requires mobile phone reception

### ENGAGING VERICO FOR MECHANICAL TESTING

Verico have a proven history for finding solutions to customer plant problems and malfunctions, either detecting plant issues early through condition-based maintenance or getting their equipment back into production as soon as possible to minimise downtime.

## SAMPLE ORBIT PLOTS



## NEED MORE INFORMATION?

For more information about our capabilities and services or to request a quote, please contact Verico on 1300 837 426 or [vericoais@verico.com.au](mailto:vericoais@verico.com.au)

