# Smart Rig

## LIFTING YOUR SAFETY AND COMPLIANCE TO NEW HEIGHTS

Smart Rig is an exclusive patent pending (2020903661) process that sets the industry benchmark for safety compliance in lifting and heights safety equipment. It features the use of our Near Field Communication (NFC) tags attached to rigging or height safety equipment to remotely access asset information, update inspection records and registers to ensure quality inspections are carried out.

Our streamlined process is tailored to comply with the specific requirements of each type of equipment, thus adding quality and accuracy to safety inspections.

### How it works:

Smart Rig is a paperless inspection system that operates on NFC enabled devices such as smartphones or tablets. Authorised users simply scan our industrial grade Smart Rig tags from a smartphone to instantly access all asset information. Users are able to complete remote inspections or access information such as test certificates, user manuals and safe work method statements before starting a task.

Onscreen instructions provide users with supporting information and allows them to report a fault or damage remotely with the ability to upload photos and comments for recordkeeping / maintenance purposes.

During the quarterly inspection process of lifting or height safety equipment the information on the current Smart Rig tag is instantly transferred to the new quarter colour tag eliminating the time consuming process of updating equipment registers.

This action can be performed from a smartphone by an authorised user in the field saving valuable time and money. Inspection records are available in real time on an easy to view web based client dashboard with live reports for all assets as evidence of compliance monitoring for operational safety.
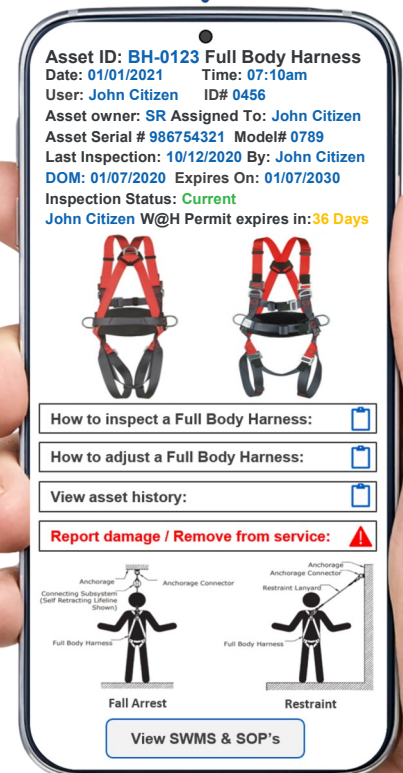
### Key Features:

- Faster data collection with traceability by location
- Streamlines the inspection process and improves operational efficiency
- Smart Rig only allows qualified personnel to carry out inspections or activate tags
- Provides users with supporting information in the field for improved safety
- Large variety of passive battery-free tags are available for specific applications
- Connects assets to the Industrial Internet of Things for data analytics
- Empowers qualified staff to carry out inspections avoiding costly contractor fees
- Receive alerts before assets or employee permits expire
- Assigns equipment to specific users, departments or contractors enforcing accountability and improving asset management

### Key Benefits:

- Automated maintenance and remove from service reminders
- Significant reduction in time spent on updating asset registers
- Receive automatic reports and instant alerts of reported damage
- Avoid costly contractor fees and allow qualified staff to carry out inspections
- Cost-effective with minimal training or hardware required
- Low risk implementation suitable for equipment of any kind
- Customised to suit your specific business requirements
- Improves operational safety and allows for a practical user friendly experience
- No additional hardware required, operates on smartphones
- Improve safety audit results with evidence of critical inspections completed year round as well as quarterly

### Target Applications:

- **Heights safety equipment:** harnesses, lanyards, inertia reels, static lines etc.
- **Lifting & rigging equipment:** slings, chains, wire ropes, eye bolts, plate clamps, chain blocks and lever hoists, lifting beams etc.

**Asset ID: BH-0123 Full Body Harness**
Date: 01/01/2021     Time: 07:10am
User: John Citizen     ID# 0456
Asset owner: SR Assigned To: John Citizen
Asset Serial # 986754321  Model# 0789
Last Inspection: 10/12/2020 By: John Citizen
DOM: 01/07/2020 Expires On: 01/07/2030
Inspection Status: Current
John Citizen W@H Permit expires in: 36 Days

How to inspect a Full Body Harness:
How to adjust a Full Body Harness:
View asset history:
Report damage / Remove from service:

Fall Arrest          Restraint

View SWMS & SOP's

### Contact us:

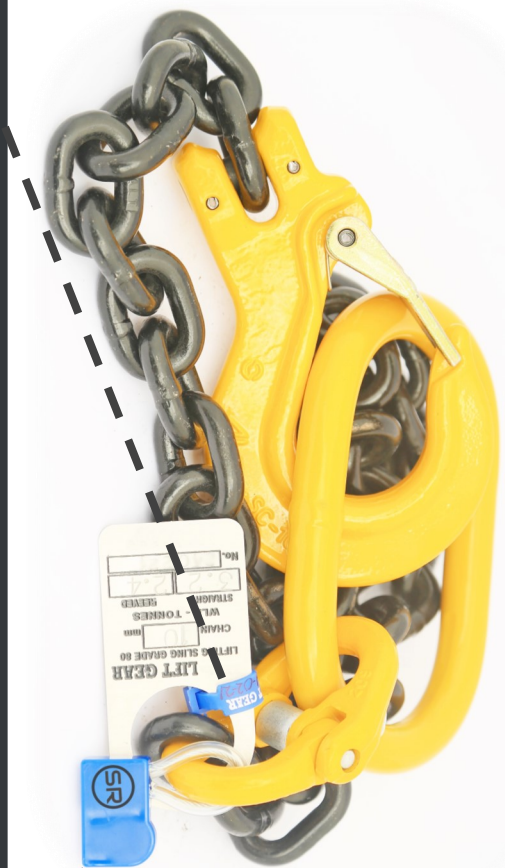1300 255 768
info@smartrig.com.au
www.smartrig.com.au
Risk Mitigation Technologies Pty Ltd.
ABN 85 642 049 509

*"Safety begins with compliance"*

# "With *SMART RIG* you can update your rigging register remotely from a smartphone"



## Old: (Traditional)

- Serial numbers on conventional tags have to be looked up manually in a time consuming process and in many cases not documented
- In some scenarios tags are fitted to lifting equipment by unauthorised staff
- If serial numbers are recorded on a database it can usually only be accessed at limited locations impacting productivity
- Serial numbers can wear off and cause delays in the inspection process
- Inspections are only recorded quarterly
- Old tags may appear to be in date by colour, but are well overdue for inspection

## New: (Industry 4.0)

- With the tap of a smartphone authorised users can instantly access or update rigging registers, records and access supporting asset information
- Smart Rig tags can only be accessed by authorised users with current qualifications significantly improving operational safety and compliance
- Our tags offer more than just a serial number, they empower the user with extensive support such as best practices, inspection methods, user manuals etc.
- Smart Rig allows you to capture inspection and usage records year round with live reports available on an easy to view dashboard
- Smart Rig provides users with detailed inspection records, notes, photos and videos

We have a variety of heavy duty intrinsically safe Smart Rig tags from cable ties to tamperproof tags suitable for any application

## SMART RIG keeps your risk management systems effective and legally compliant

**Streamline Inspections**
Pre-populated equipment information improves efficiency and eliminates data entry errors

**Internet Of Things**
Connect your assets to the Internet of Things to enhance business intelligence

**Competency Verification**
Alerts operators before permits or licences expire

**24/7 Access To Records**
Access information any time from the secured cloud base server

**User Friendly**
A practical process customised to suit any type of equipment

**Hazard Reporting**
Live updates of incidents or equipment damage, with supporting photographs