



The ShockWatch EquipManager™ is a fleet management and monitoring system that wirelessly monitors equipment performance and usage, controls vehicle access, and automates pre-shift safety checklist requirements to increase productivity and reduce costs. An RF-enabled system, it is designed to capture equipment operation and operator data that allows companies to reduce the costs associated with maintenance and damage to facility, equipment, and products. It provides the information necessary for companies to effectively and efficiently monitor and manage their fleet operations and comply with OSHA regulations.



Use EquipManager on:
Material handling equipment
Fleet vehicles
Earth-moving equipment
Construction equipment
People-moving equipment
Airport ground equipment
Manufacturing equipment
And much more

■ Benefits

- Reduces costs associated with facility, rack, and product damage due to impacts and improper equipment operation
- Reduces equipment repair costs
- Enables OSHA compliance and proper equipment operation
- Reduces service costs by eliminating personnel time spent on manually retrieving and compiling usage data
- Improves maintenance scheduling and technician travel efficiency
- Reduces costs associated with downtime
- Improves equipment utilization and performance through fleet rotation
- Ensures only authorized operators use equipment
- Increases operator accountability, awareness, and performance
- Reduces injuries and related workers compensation claims
- Reinforces safe vehicle operations and procedures without supervisory presence
- Increases productivity of operator, personnel, resources, and processes
- Highlights facility and process inefficiencies to allow for future process improvement

■ Features

- Real-time impact detection and recording through a patented, user-adjustable sensor
- Vehicle access control via multiple user-defined interfaces (iButtons, HID Proximity card, Infrared Barcode, Magnetic Stripe)
- Customizable, interactive OSHA pre-shift safety checklist
- Usage monitoring (time, cycles, repetitions, etc.)
- Audio/visual display includes full user menu with text messaging
- 802.11b/g, 900MHz, and 2.4GHz wireless data transmission and collection
- Extended range 900MHz radio
- WPA2 WiFi compliance (digital radio integration)
- Monitoring of operating conditions through user-defined inputs (fluid temperature, battery voltage, oil and hydraulic pressure, etc.)
- User-definable, pre-determined event triggers and notification (excessive speed triggers creep mode, etc.)
- Java™-based management software operation in local workstation, LAN, WAN, or Internet environment
- Customizable reporting and graphing capabilities
- 8 digital inputs (timer, counter, change of state, rate, etc.)
- 2 analog inputs (analog sensor integration, change of state, timer, counter, rate, high/low alarms)
- Location tracking (WiFi module integration)
- MEMS Accelerometer
- Flexible mounting locations and orientations

■ Software

The power of *knowing* puts you in the driver's seat. The EquipManager software tracks operator and equipment data, and provides you with the ability to analyze this information and pinpoint problems or areas for improvement. Having immediate access to the information allows you to make smarter operational decisions that, in turn, lead to reduced costs and increased safety.

Analyze the data to ensure your fleet is utilized and serviced in the most efficient way possible. Use the software to set specific equipment operating parameters such as impact threshold, maintenance intervals, and battery voltage levels, and start to manage by exception. Receive e-mail notifications when acceptable operating parameters have been exceeded. Identify the equipment or operators that are increasing your costs and reducing productivity. By using the pre-shift safety checklist functionality and maintaining current operator certification records in the software, you ensure necessary OSHA compliance.

- Runs on Windows NT, 2000, and XP
- Easy to install, use, and train

SHOCKWATCH®
DAMAGE PREVENTION. WE'RE ON IT.

Tüwa Transportüberwachung GmbH
Niermannsweg 11-15
D-40699 ERKRATH (Deutschland)

Telefon: (+49) 0211 2503 - 869
E-mail: info@tuewa.de