

FLEETCONTROL® MANAGER



ShockWatch® FleetControl® Manager leverages the capabilities of wireless, rugged vehicle-mounted computers (VMCs) to provide total fleet management in material handling environments. Through the system's intuitive user interface, equipment operators utilize their existing VMC display screens to log in, access menus, and communicate with managers.

The system continuously monitors and reports real-time data regarding equipment safety, utilization, productivity, and maintenance. Designed for large warehouses and logistics centers, FleetControl Manager optimizes companies' existing infrastructure and hardware to ensure safety and OSHA compliance, improve maintenance scheduling, and reduce damage-related costs.



Use FleetControl Manager on:
Electric forklifts
Internal combustion forklifts
Narrow aisle (reach) forklifts
Rough terrain forklifts
Electric pallet forklifts
Walkie/rider forklifts
Order picker forklifts
Turret forklifts
Double reach forklifts
Construction equipment
...and much more

■ Benefits

- Ensures OSHA compliance with access control and a pre-shift safety checklist
- Increases safety by tracking operator training schedules and certification
- Reduces costs associated with damage to equipment, products, and facilities
- Provides real-time impact detection for timely repairs
- Increases operator accountability and improves driving behavior without supervisory presence
- Provides accurate and timely usage data, minimizing downtime through optimal maintenance scheduling and fleet rotation
- Improves equipment utilization through timely and accurate management reports
- Saves time in locating equipment for repair and maintenance
- Allows for ease of use through an intuitive user interface on VMCs
- Enhances existing infrastructure and hardware to maximize ROI

■ Features

- Fully configurable pre-shift safety checklist on VMC display
- External voltage input for monitoring and reporting forklift battery voltage
- Works with EquipCommand® software menus for setting impact thresholds, warning levels, and event-inducing levels
- Internal motion sensor for detecting impact and reporting actual impact data
- Configurable activity input for monitoring and reporting multiple operation parameters such as fluid pressure, motion, lift count, and timing
- The digital inputs report as timers, counters, or change of state
- Undefined analog inputs for monitoring and reporting operation variables
- Horns and piezo alarms to provide audible warnings
- Vehicle access control via multiple user-defined interfaces (iButtons, barcode, and proximity cards)
- Lockout/tagout capability and inactivity log-off
- User-definable maintenance alert
- Full user menu with text messaging
- Remote updating and configuration of device settings, firmware, and iButton key configuration

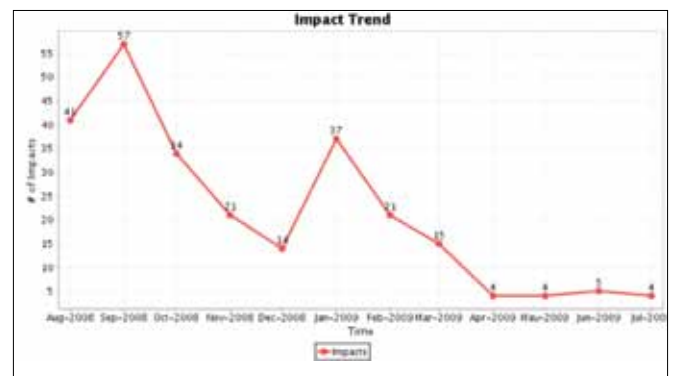
■ EquipCommand® Software

At the heart of this ShockWatch innovation is its proprietary software package. The information you receive is critical to your business, and we designed the EquipCommand software to set equipment operating parameters, record operator activity, track operator certification, set equipment maintenance schedules, and disable the equipment upon impact. The software ensures timely, reliable, and accurate operator and equipment data to put the power of knowledge in your hands when and where you need it — allowing you to make better decisions to reduce damage-related costs.

- Runs on Windows® Server 2008, Windows® Server 2008 R2, Windows® Server 2003, and Windows® Operating Systems XP, Vista and 7.
- Easy to install, use, and train



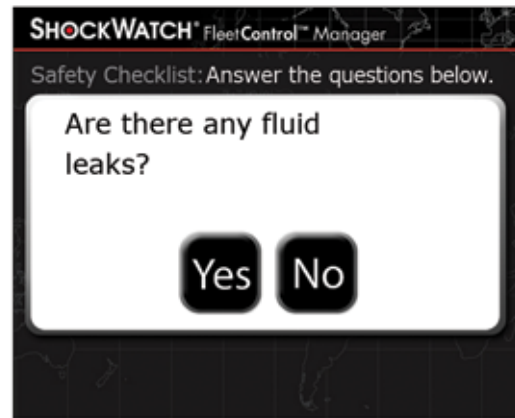
EquipCommand Dashboard



Impact Trend Report

■ User Interface

VMC Display:



The VMC display is used for a variety of functions, including: assessing and starting the equipment, completing the safety checklist, accessing the maintenance menu, setting up inputs, and sending/receiving text messages.

Options:

Remote iButton



Proximity Card Reader



The remote iButton and proximity card reader allow access control while keeping the unit secure and tamper-proof. Access devices must be selected at time of order.

FLEETCONTROL® MANAGER

Specifications

Operating Temperature

-4°F/-20°C to 140°F/60°C

Operating Humidity

0–100% noncondensing

Impact Detection Range

User-adjustable threshold 0G to 10G

Output Alarm

Piezoelectric 98dB

Case Size

Main unit: 3.36" x 5.50" x 1.45"

Case Material

Main unit: PC/ABS

Case Rating

NEMA 4X

Power Source

Powered USB or powered com-port

Relay Output

Normally open contact fused @ 5amps

Normally closed contact fused @ 10amps

Data Storage Capacity

1,300 events (operator log on/off) (impact time/date)

1,000 authorized operators

VMC Hardware/SW Requirements

Free USB 1.0 or higher port or free power com-port

Windows® XP

70mg tier disk space on hard drive

Inputs

4 Digital: max voltage 64VDC

Modes: change of state, counter, timer, interrupt

High transition voltage: ≤ 7 VDC

Low transition voltage: ≥ 2 VDC

Minimum hysteresis: 0.8V – battery

1 external voltage

3 Analog: max voltage 64VDC

Modes: high/low levels, change of state, counter, timer

Full scale approximately 64VDC

10-bit resolution

For more information on ShockWatch's position on RoHS, EU Directive 2002/95/EC, Amendment Commission Decision 2005/618/EC, and our certificates of compliance, please visit www.shockwatch.com

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SHOCKWATCH®

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