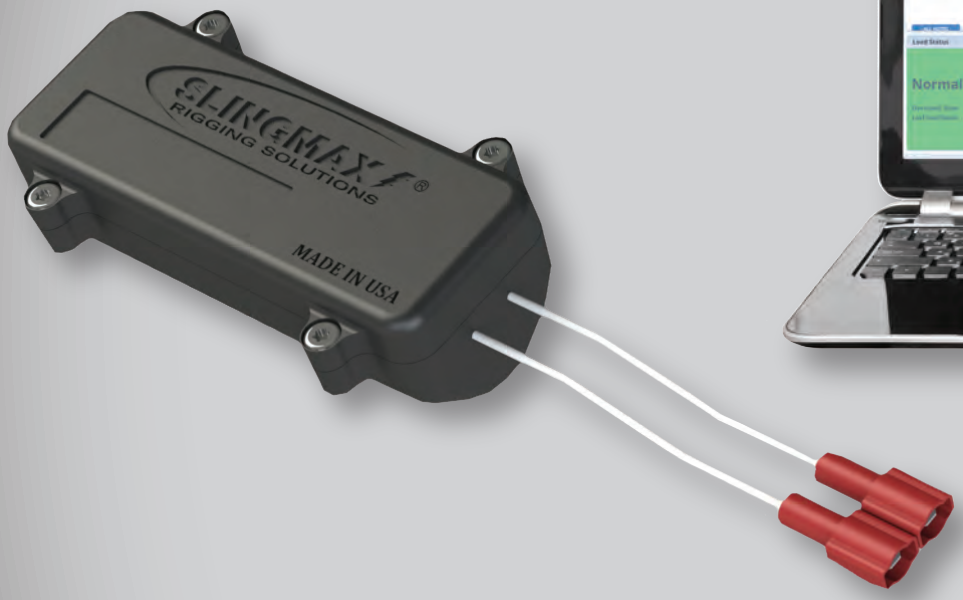
CHECK FAST®

INSTRUCTION & SAFETY MANUAL



SLINGMAX®
RIGGING SOLUTIONS

WARNING

Check-Fast® Plus Wireless Inspection System

www.slingmax.com/patents

Death or Injury can occur from improper use or care.
Ensure system is connected to base station and will remain within signal range before use and during use.
Remove sling from service and contact an authorized repair station if:

- System will not connect to base station.
- System alert activates indicating a potential overload condition.

Failure to ensure proper functioning of system can result in undetected damage and sling failure.

This product contains lithium metal batteries. Under extreme circumstances these batteries may catch fire or explode. Do not tamper with the Check-Fast® Plus Sling Sensor™.

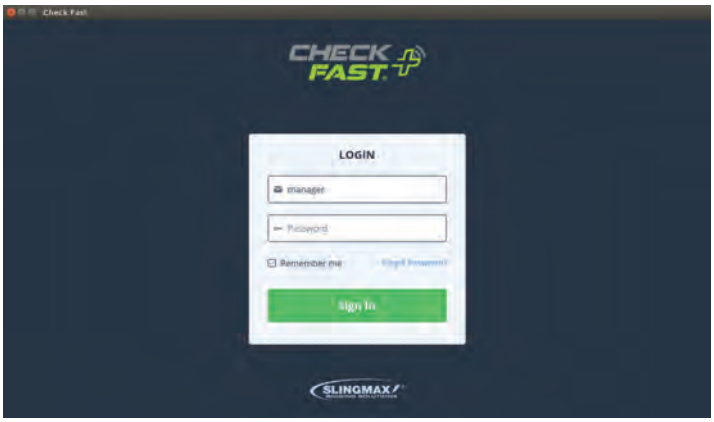
For additional important safety information, inspection, removal and repair follow Slingmax® Guidelines, ASME B30.9, WSTDA RS-HP-1 and Cordage Institute CI 1905 standards.

Check-Fast® Plus - User Information

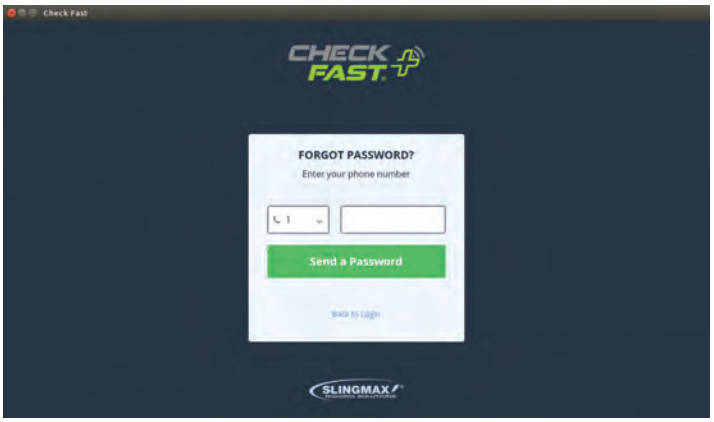
Check-Fast® Plus alerts the user when the sling is overloaded or damaged. Each base station can monitor up to 50 slings at one time. Typical range is 500ft. An alert will be sent to the base station if the Check-Fast® Plus system detects an overload. In addition, text alerts (SMS) and email alerts can be enabled.

Set up of Check-Fast Plus Application

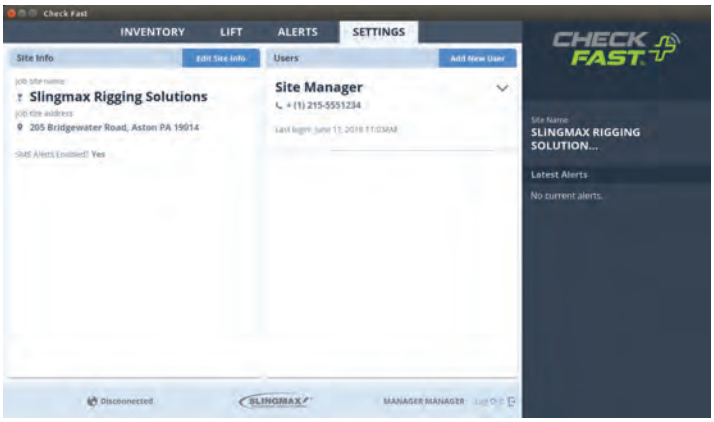
Login to the Check-Fast® Plus application with your username and password.



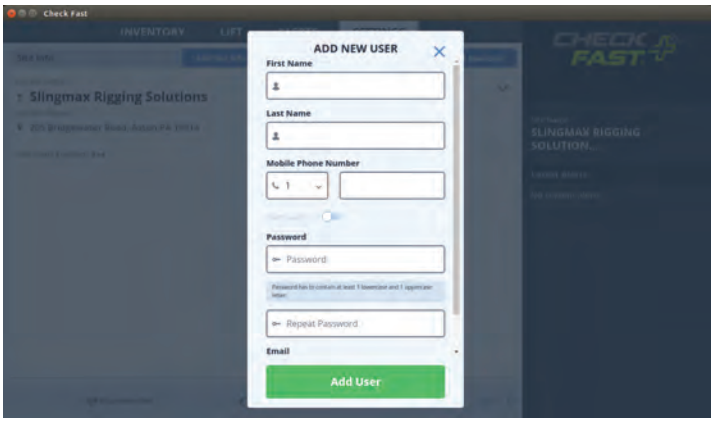
If you forgot your password click "Forgot Password?" and enter the phone number the device was registered with. A new password will be sent to that phone number.



To set up your site click the "SETTINGS" tab.



Click "Edit Site Info". The "EDIT SITE INFO" screen will appear. Enter your job site name and address. Click "Save" to save changes.



Click on the "Add New User" tab to add users. These users will have the ability to log into the Check-Fast® Plus application. Add the user's info and toggle the "SMS Alerts" to enable text message notification for damage detected by Check-Fast® Plus System. Alerts will include:

- Site info
- Date and time
- Serial number of the sling

Before Each Use

Sling users shall be trained – Do not use this sling unless you are properly trained. Follow all instructions and warnings in this manual and in the Twin-Path® user manual.

⚠ DEATH or INJURY can occur from improper use or care.

Check tag to confirm that sling is adequately rated for the load. Inspect sling for damage in accordance with the Twin-Path® user manual.

Inspections shall be completed before each use and must include all items being used.

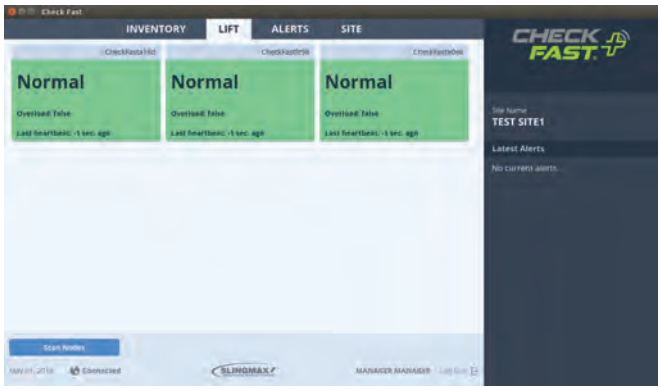
Periodic inspections shall be completed at least annually or more frequently depending on service.

Periodic inspections shall be documented. Refer to ASME B30.9 and manufacturer recommendations

Login into the Check-Fast® Plus application with your user name and password.

Begin pairing the slings by clicking the "Scan Slings" button on the "LIFT" tab. Slings within a 500ft radius should appear.

Once sling(s) are paired they will be added to your inventory. Sling(s) in inventory can be selected to show additional information.



Use

Determine the weight of the load.

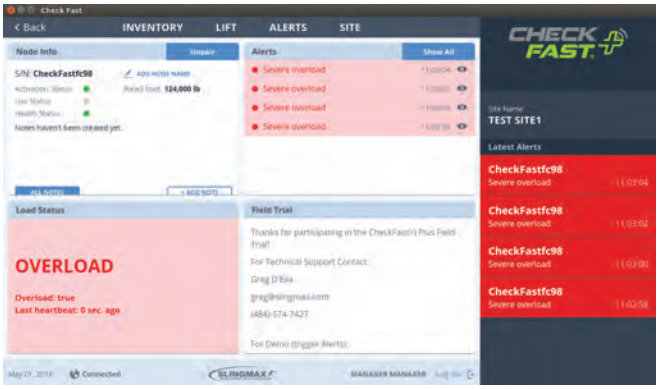
Check the tag to confirm that the sling is rated adequately for the load in the manner or hitches that it will be used. Refer to load angle, choke angle and other relevant charts.

Multiple slings can be monitored simultaneously from the "LIFT" Screen. Or individually from by clicking on the sling.

Slings will show status, signal strength, and overload indication.

Green status indicates the sling is within its normal range of use. Red indicates overload.

⚠ If indication of overload is detected or observed – stop the lift immediately!



Care

Slings should be kept away from possible mechanical damage, corrosion, dust, grit and temperatures above 180 degrees F.

To clean sling: use mild soap and water and allow to air dry before storing. Do not machine wash or dry.

Repair

Field repair is not permitted. Return sling to a Slingmax® Dealer for repairs.

Troubleshooting

Sling will not connect to base station.

1. Ensure base station is plugged into the computer.
2. Ensure sling is within signal range – Obstructions may affect signal range.
3. Restart computer.

Sling is indicating overload without having a load on it.

1. Sling may have exhibited damage during its last lift or during handling – return to a Slingmax® Dealer for repair.

Text messages/emails are not being sent.

1. Ensure computer is connected to the internet.
2. Ensure SMS alerts are turned on for each user.
3. Ensure phone number and email addresses are accurate.
4. Check spam messages.

FCC Statements

Changes or modifications not expressly approved by Slingmax® Rigging Solutions could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CANADA

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This device has been designed to operate with the antennas listed below, and having a maximum gain of 2 dBi (base station antenna) and 3 dBi (node antenna). Antennas not included in this list or having a gain greater than 2 dBi (base station antenna) and 3 dBi (node antenna) are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

Manufacturer	Model	Type	Component	Gain (dBi)
Nearson, Inc.	S152AH-915S	External Whip	Base station	2dBi
Anaren	66089-0906	Internal Whip	Node	3dBi

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

WARNING!

FCC and IC Radiation Exposure Statement:

This equipment complies with FCC's and IC's RF radiation exposure limits set forth for an uncontrolled environment under the following conditions:

1. This equipment should be installed and operated such that a minimum separation distance of 20cm is maintained between the radiator (antenna) & user's/nearby person's body at all times.
2. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.